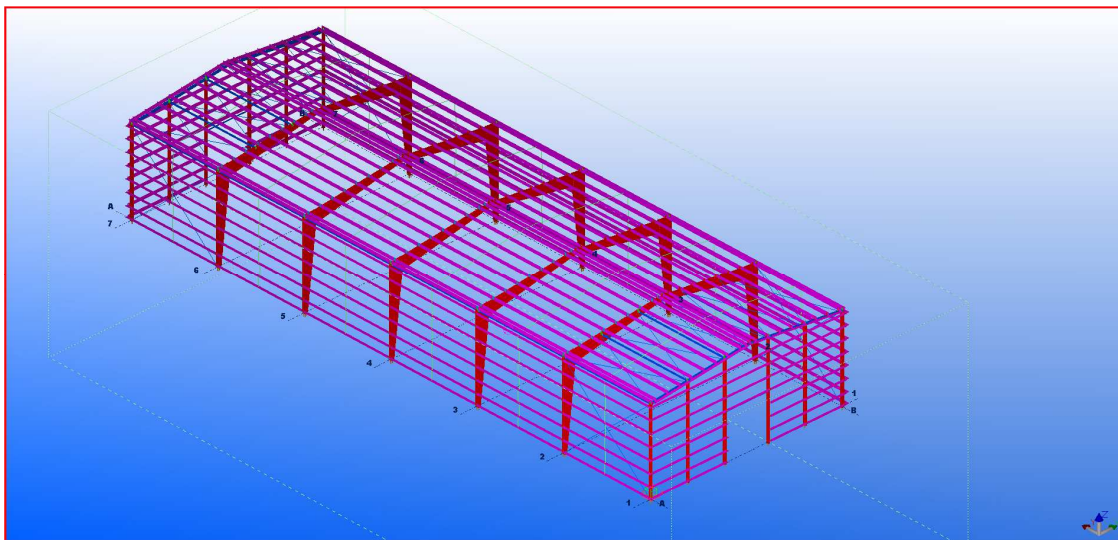


PLÀNOLS



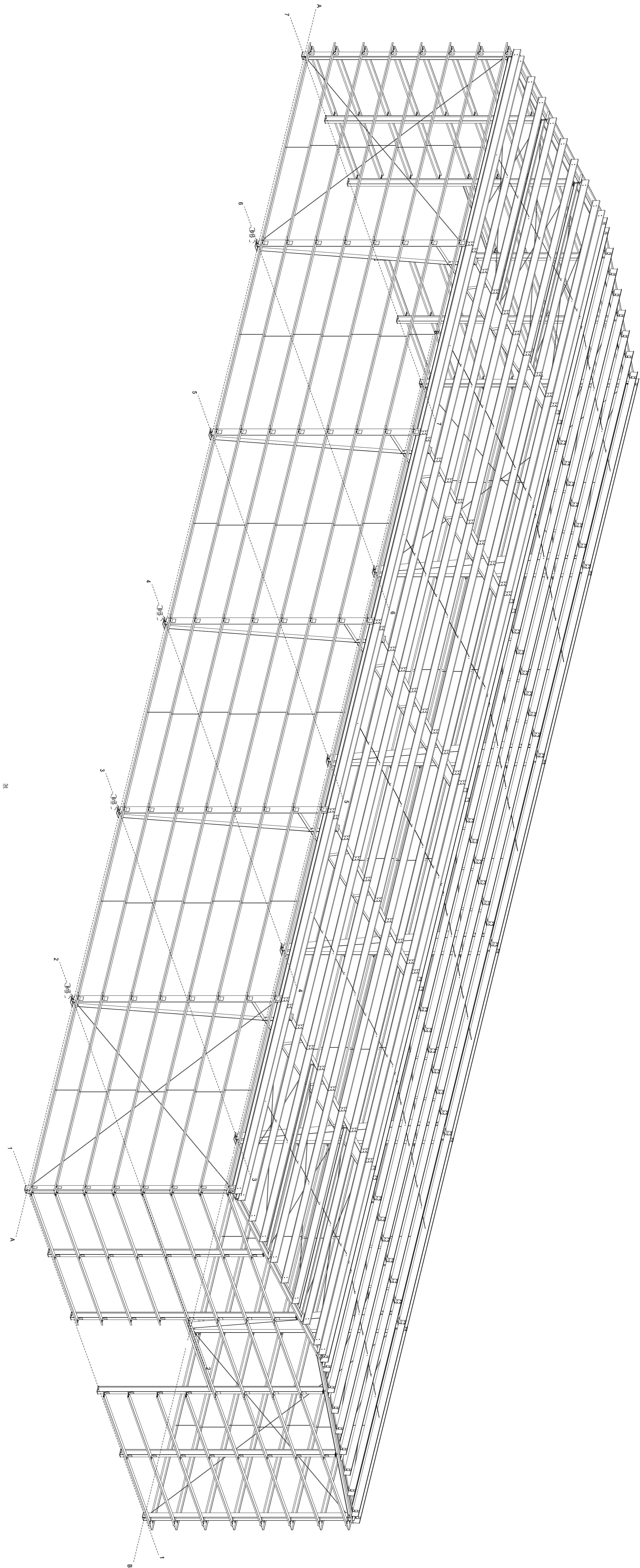
P.1. PLÀNOLS GENERALS



OBRA : Projecte Final de Ca

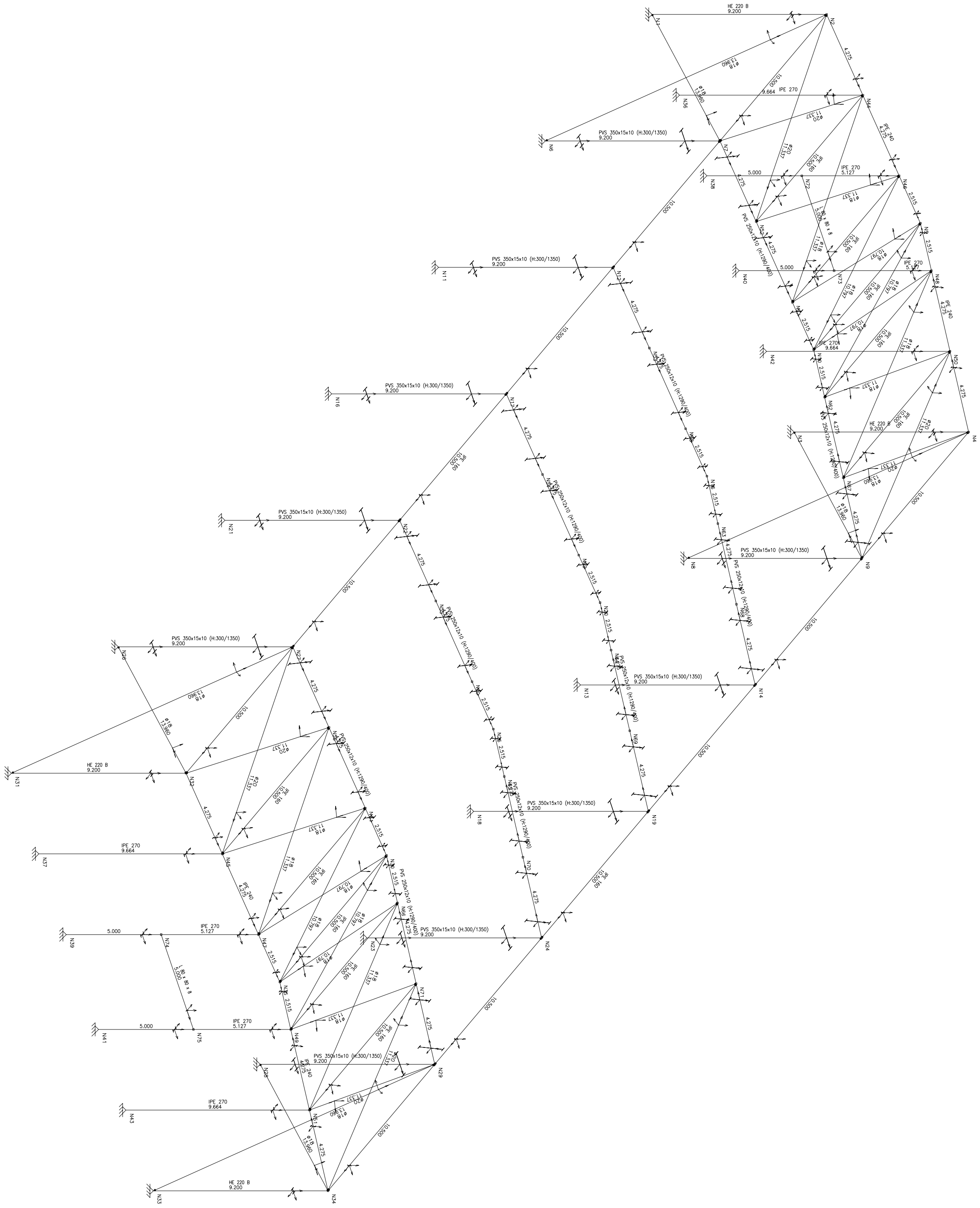
REF. : 1

| | | | |
|---------------|------------|--------------|------------|
| TITULO DIBUJO | SITUACIÓ | | |
| PLANO No. | G 10 | ESCALA | 1:20000 |
| FECHA | 12.01.2013 | REVISION No. | 15.01.2013 |
| DIBUJADO POR | | ACABADO | |



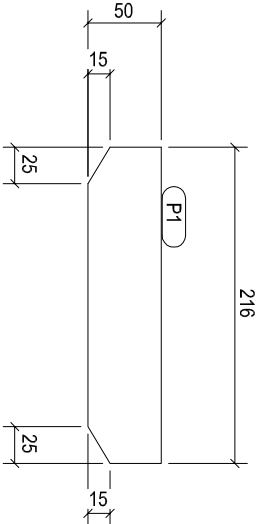
OBRA: Proyecto Final de Ca
REF.: 1

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|---------------|------------|---------------|------------|
| TITULO DIBUJO | 3D | ESCALA: | 1:50 |
| PLANO No | 0 [1] | REVISION No.: | 11/01/2013 |
| FECHA | 10.01.2013 | | |
| DIBUJADO POR | | | |



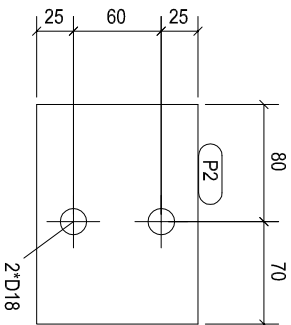
FFC
Proyecto: Final Carrera Jordi Salta
Norma de acero laminado: CTE DB-SE A
Acero laminado HEB: S275
Acero laminado IPE: S275
Acero laminado PVS: S275
Acero laminado Relanados: S275
Acero laminado L: S275
Escala: 1:100

P.2. PLÀNOLS D'ESPECEJAMENT



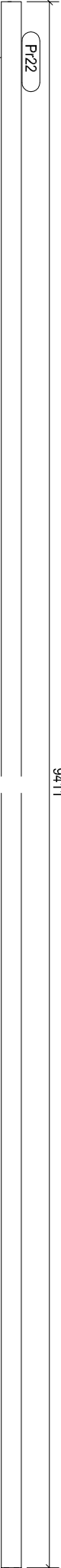
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|----------------------|---------|----------|--------------|----------|----------|
| P1 | PL10*50 | 8 | 216 | 0.03 | 0.8 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 0.21 | 6.5 |

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|----------------|--|---------|--|-----------|------------|
| TITULO DIBUJO: | | RÍGID | | | |
| DIBUJO No. | | W [P.1] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 11.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



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|----------------------|---------|----------|--------------|----------|----------|
| P2 | PL8*110 | 40 | 150 | 0.04 | 1.0 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 1.49 | 41.4 |

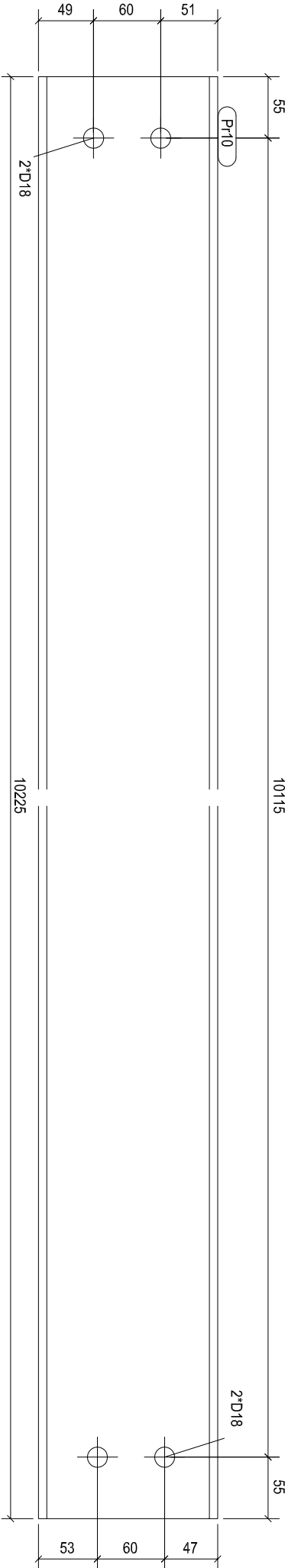
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| TITULO DIBUJO: | | XAPA | | | |
| DIBUJO No. | | W [P.2] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 11.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



ROSCA A ESQUERRES DE M20X150

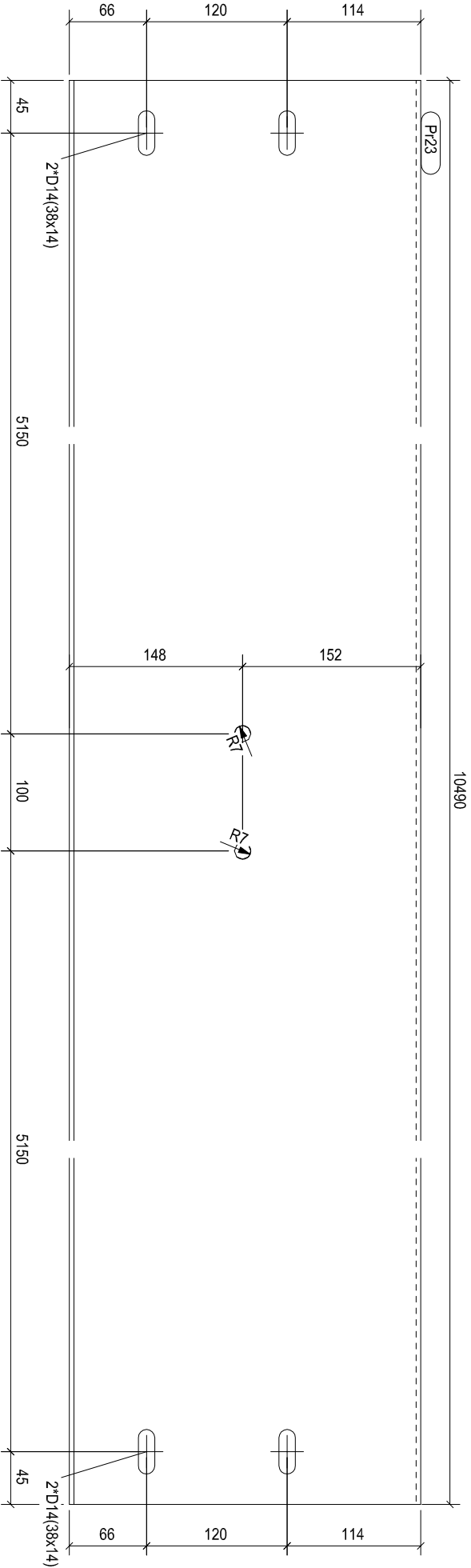
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|----------------------|--------|----------|--------------|----------|----------|
| Pr22 | D18 | 4 | 9411 | 0.52 | 16.9 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 2.08 | 67.7 |

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|----------------|--|-----------|-----------|------------|--|
| TITULO DIBUJO: | | TIRANTS | | | |
| DIBUJO No. | | W [Pr.22] | FECHA: | 11.01.2013 | |
| ESCALA: | | 1:5 | REVISION: | 12.01.2013 | |
| DIBUJADO POR: | | | ACERO: | | |



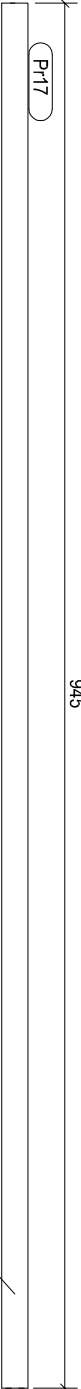
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|----------------------|--------|----------|--------------|----------|----------|
| Pr10 | IPE160 | 2 | 10225 | 6.37 | 161.6 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 12.74 | 323.1 |

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|----------------|--|-----------|--|-----------|------------|
| TITULO DIBUJO: | | BIGA | | | |
| DIBUJO No. | | W [Pr.10] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



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|----------------------|------------|----------|--------------|----------|----------|
| Pr23 | Z300*113*4 | 64 | 10490 | 8.67 | 134.7 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 554.74 | 8621.5 |

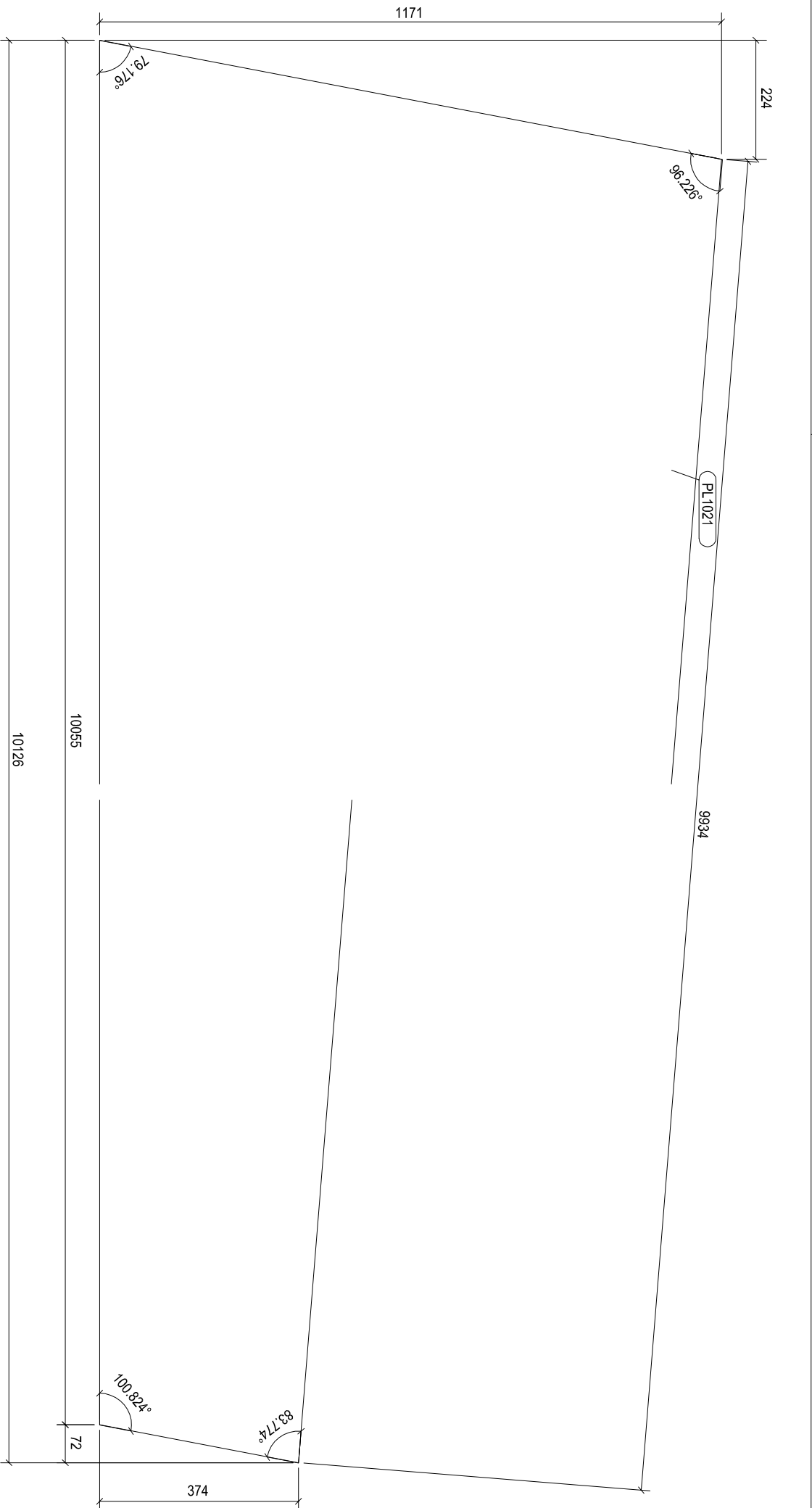
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| TITULO DIBUJO: | | | CORRETTGES | | |
| DIBUJO No. | | | W [Pr.23] | FECHA: | |
| ESCALA: | | | 1:5 | REVISION: | |
| DIBUJADO POR: | | | | ACERO: | |



ROSCA A DRETES DE M18X150

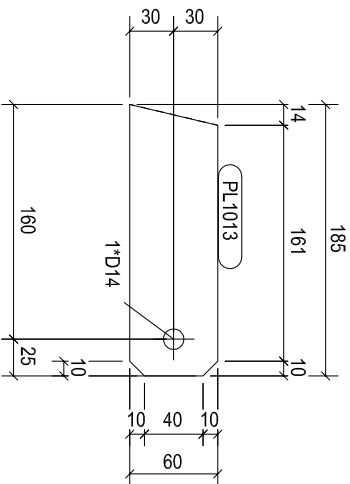
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|----------------------|--------|----------|--------------|----------|----------|
| Pr17 | D18 | 24 | 945 | 0.05 | 1.7 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 1.26 | 40.8 |

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|----------------|--|---------|---------|-----------|------------|
| TITULO DIBUJO: | | TIRANTS | | | |
| DIBUJO No. | | W | [Pr.17] | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 14.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



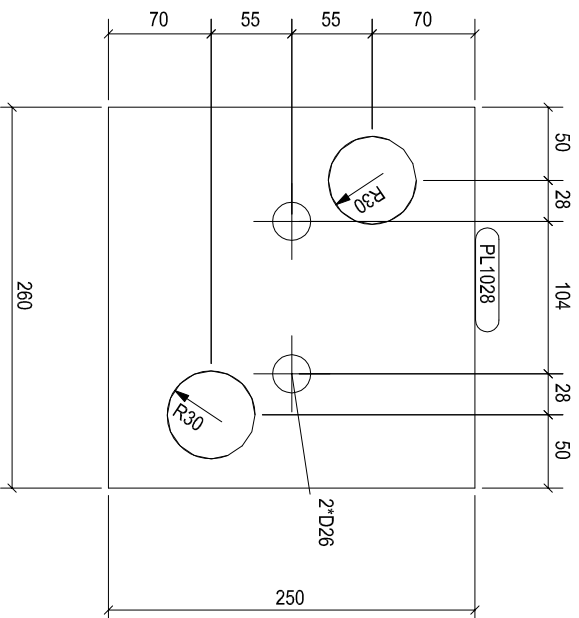
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|----------------------|-----------|----------|--------------|----------|----------|
| PL1021 | PL10*1171 | 10 | 10126 | 15.75 | 609.8 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 157.52 | 6097.9 |

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|----------------|--|--------------|--|-----------|------------|
| TITULO DIBUJO: | | XAPA | | | |
| DIBUJO No. | | W [P.L.1021] | | FECHA: | 11.01.2013 |
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| DIBUJADO POR: | | | | ACERO: | |



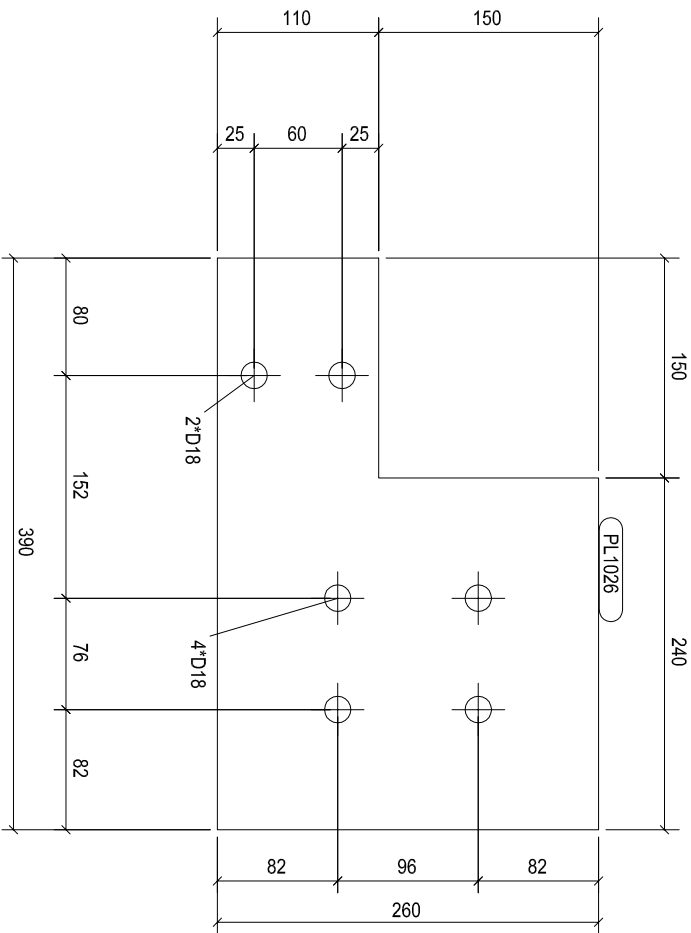
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| PL1013 | PL15*60 | 4 | 185 | 0.03 | 1.2 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 0.11 | 5.0 |

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|----------------|--|--------------|--|-----------|------------|
| TITULO DIBUJO: | | XAPA | | | |
| DIBUJO No. | | W [P.L.1013] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 11.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



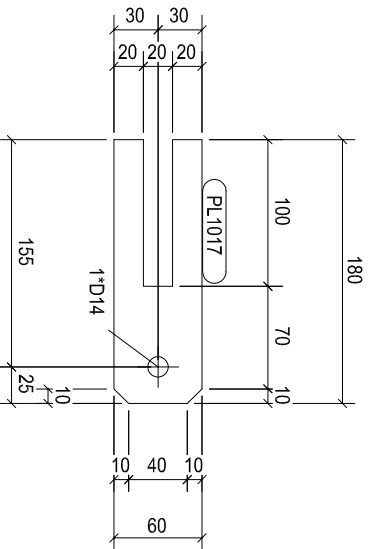
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|----------------------|----------|----------|--------------|----------|----------|
| PL1028 | PL20*250 | 4 | 260 | 0.15 | 9.3 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 0.59 | 37.4 |

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|----------------|--|--------------|--|-----------|------------|
| TITULO DIBUJO: | | XAPA | | | |
| DIBUJO No. | | W [P.L.1028] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 15.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



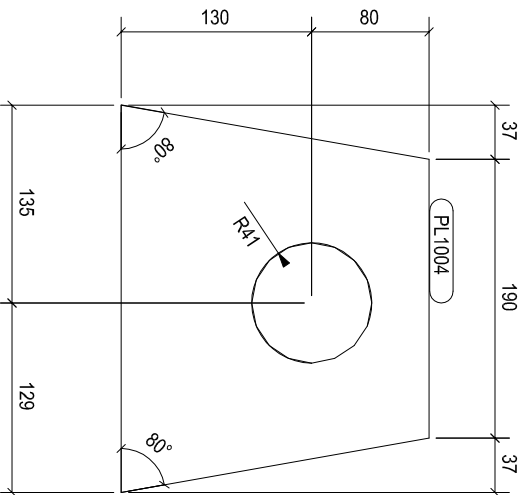
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|----------------------|----------|----------|--------------|----------|----------|
| PL1026 | PL10*260 | 2 | 390 | 0.17 | 6.2 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 0.34 | 12.4 |

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|----------------|--|-------------|--|-----------|------------|
| TITULO DIBUJO: | | XAPA | | | |
| DIBUJO No. | | W [PL.1026] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 11.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



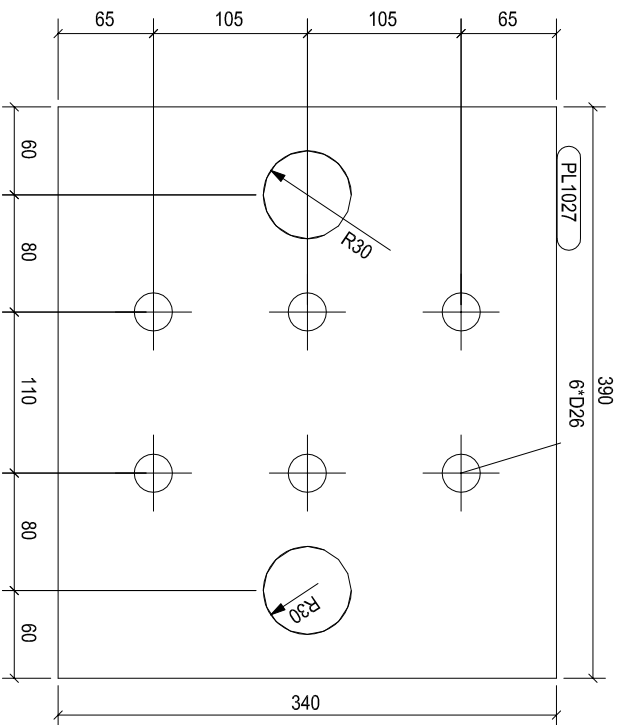
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|----------------------|---------|----------|--------------|----------|----------|
| PL1017 | PL15*60 | 48 | 180 | 0.03 | 1.0 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 1.32 | 49.2 |

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|----------------|--|-------------|--|-----------|------------|
| TITULO DIBUJO: | | XAPA | | | |
| DIBUJO No. | | W [PL.1017] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 11.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



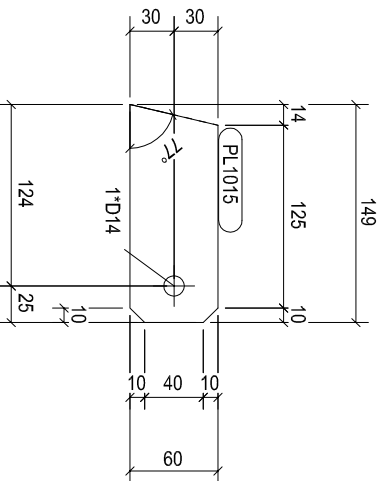
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|----------------------|----------|----------|--------------|----------|----------|
| PL1004 | PL15*210 | 20 | 264 | 0.10 | 5.0 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 2.04 | 100.3 |

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|----------------|--|--------------|--|-----------|------------|
| TITULO DIBUJO: | | XAPA | | | |
| DIBUJO No. | | W [P.L.1004] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 11.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



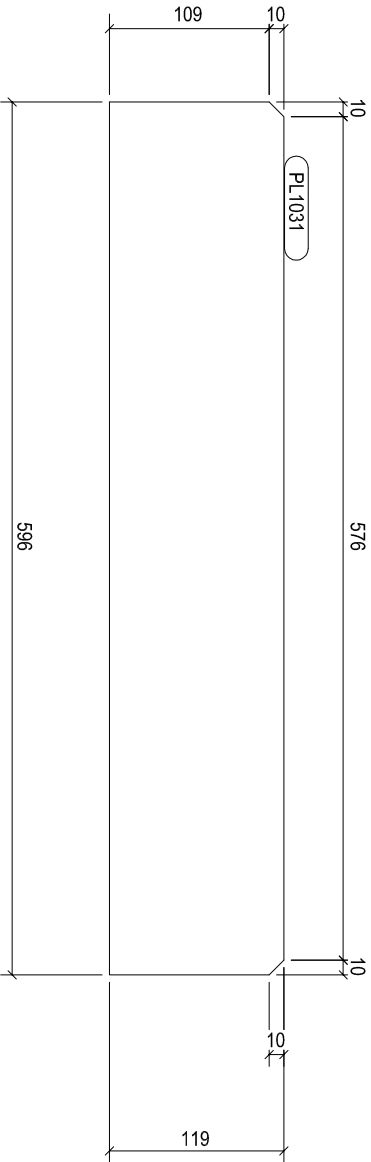
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|----------------------|----------|----------|--------------|----------|----------|
| PL1027 | PL20*340 | 10 | 390 | 0.29 | 20.0 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 2.91 | 199.5 |

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|----------------|--|-------------|--|-----------|------------|
| TITULO DIBUJO: | | XAPA | | | |
| DIBUJO No. | | W [PL.1027] | | FECHA: | 11.01.2013 |
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| DIBUJADO POR: | | | | ACERO: | |



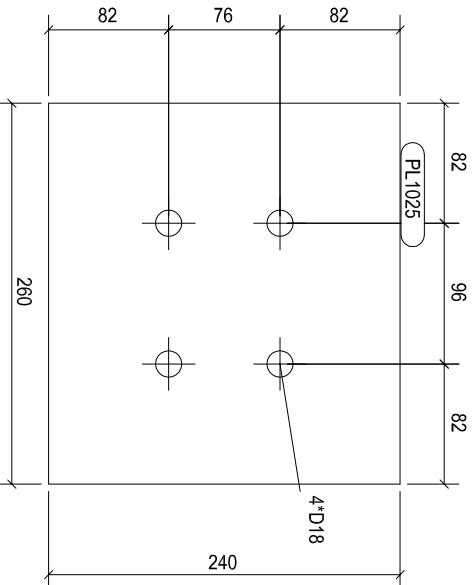
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|----------------------|---------|----------|--------------|----------|----------|
| PL1015 | PL15*60 | 4 | 149 | 0.02 | 1.0 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 0.09 | 4.0 |

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|----------------|--|--------------|--|-----------|------------|
| TITULO DIBUJO: | | XAPA | | | |
| DIBUJO No. | | W [P.L.1015] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 11.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



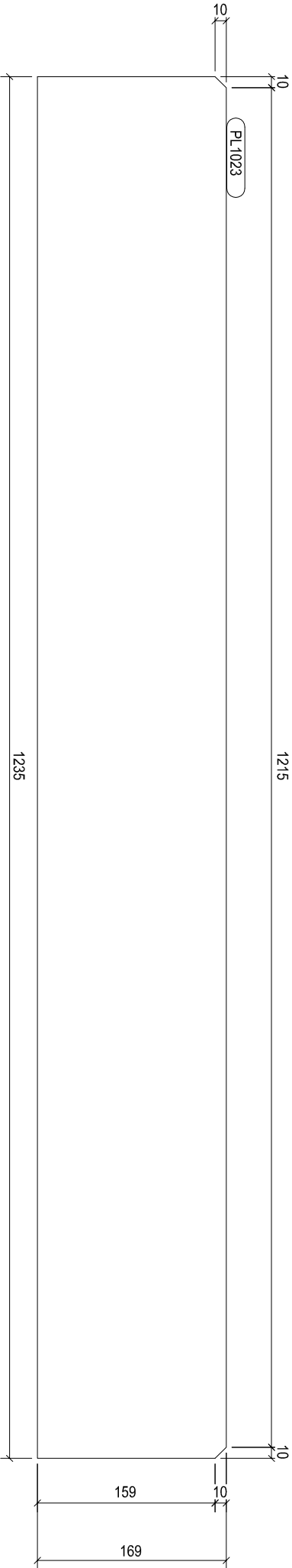
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|----------------------|---------|----------|--------------|----------|----------|
| PL1031 | PL5*119 | 20 | 596 | 0.15 | 2.8 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 2.97 | 55.6 |

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|----------------|--|-------------|--|-----------|------------|
| TITULO DIBUJO: | | RÍGID | | | |
| DIBUJO No. | | W [PL.1031] | | FECHA: | 11.01.2013 |
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| DIBUJADO POR: | | | | ACERO: | |



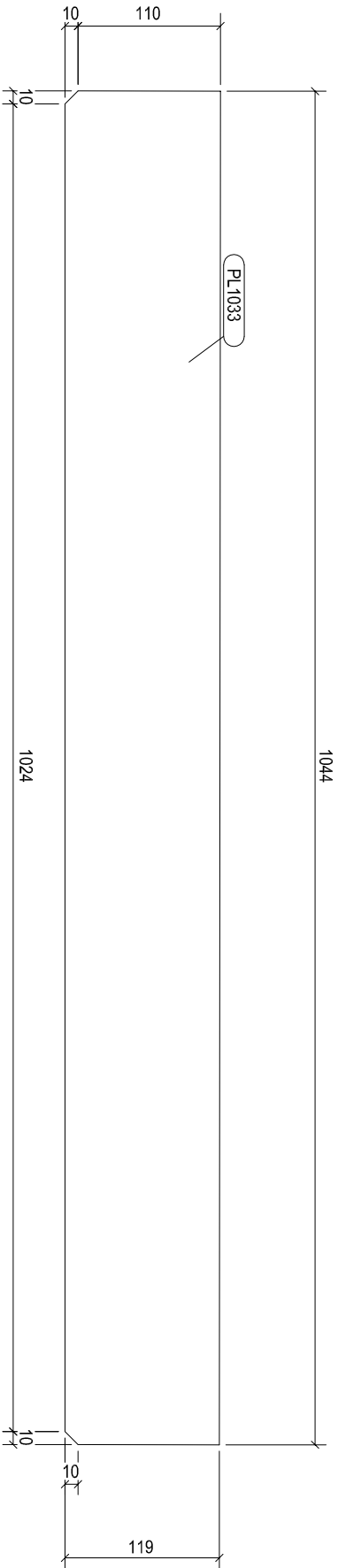
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|----------------------|----------|----------|--------------|----------|----------|
| PL1025 | PL10*240 | 2 | 260 | 0.13 | 4.9 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 0.27 | 9.8 |

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|----------------|--|--------------|--|-----------|------------|
| TITULO DIBUJO: | | XAPA | | | |
| DIBUJO No. | | W [P.L.1025] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 11.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



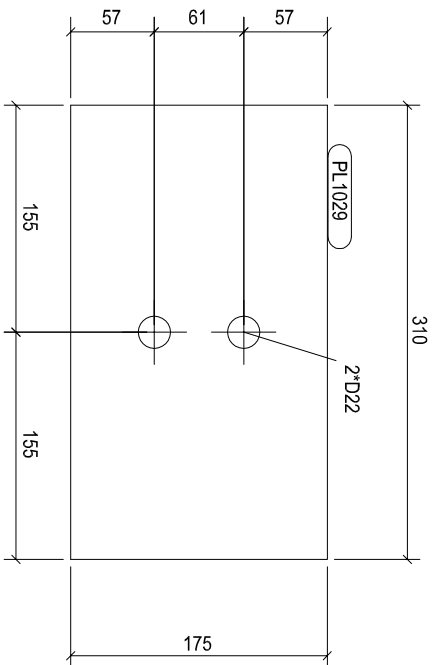
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|----------------------|-----------|----------|--------------|----------|----------|
| PL1023 | PL 10*169 | 20 | 1235 | 0.45 | 16.4 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 8.90 | 327.6 |

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|----------------|--|-------------|--|-----------|------------|
| TITULO DIBUJO: | | RÍGID | | | |
| DIBUJO No. | | W [PL.1023] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 11.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



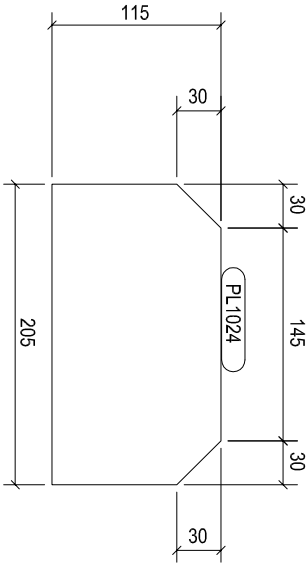
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|----------------------|---------|----------|--------------|----------|----------|
| PL1033 | PL5*120 | 20 | 1044 | 0.26 | 4.9 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 5.22 | 97.9 |

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|----------------|--|--------------|--|-----------|------------|
| TITULO DIBUJO: | | RÍGID | | | |
| DIBUJO No. | | W [P.L.1033] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



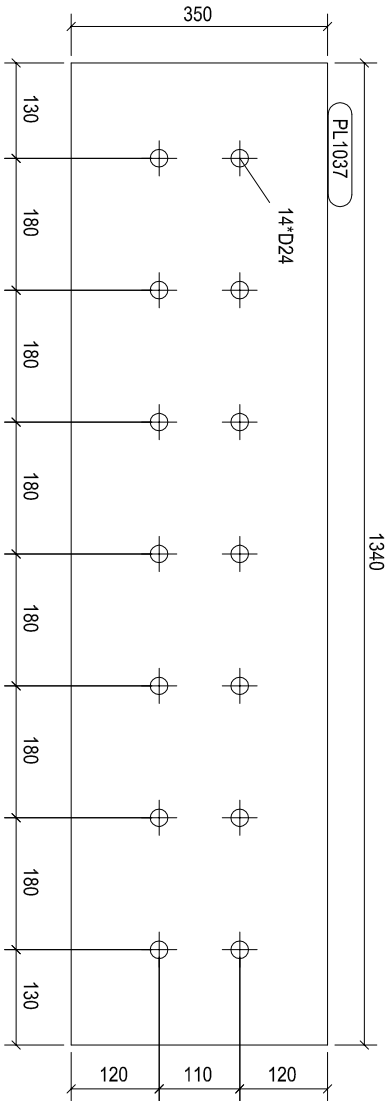
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| PL1029 | PL20*175 | 8 | 310 | 0.13 | 8.5 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 1.02 | 68.1 |

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|----------------|--|-------------|--|-----------|------------|
| TITULO DIBUJO: | | XAPA | | | |
| DIBUJO No. | | W [PL.1029] | | FECHA: | 11.01.2013 |
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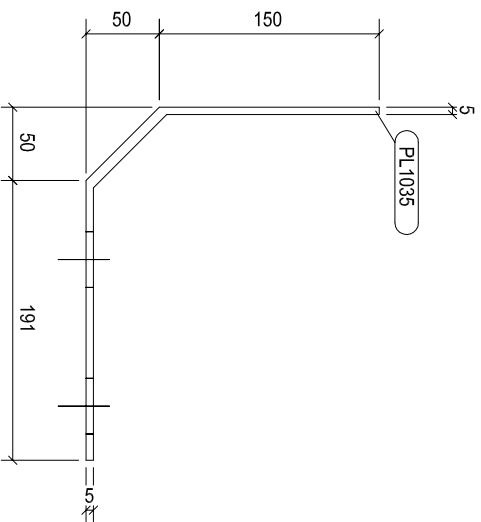
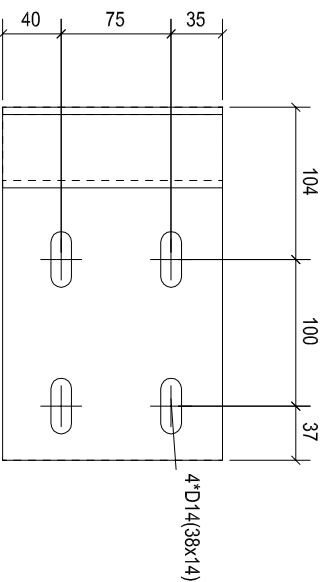
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|----------------------|----------|----------|--------------|----------|----------|
| PL1024 | PL10*115 | 8 | 205 | 0.05 | 1.8 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 0.41 | 14.3 |

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|----------------|--|--------------|--|-----------|------------|
| TITULO DIBUJO: | | RÍGID | | | |
| DIBUJO No. | | W [P.L.1024] | | FECHA: | 11.01.2013 |
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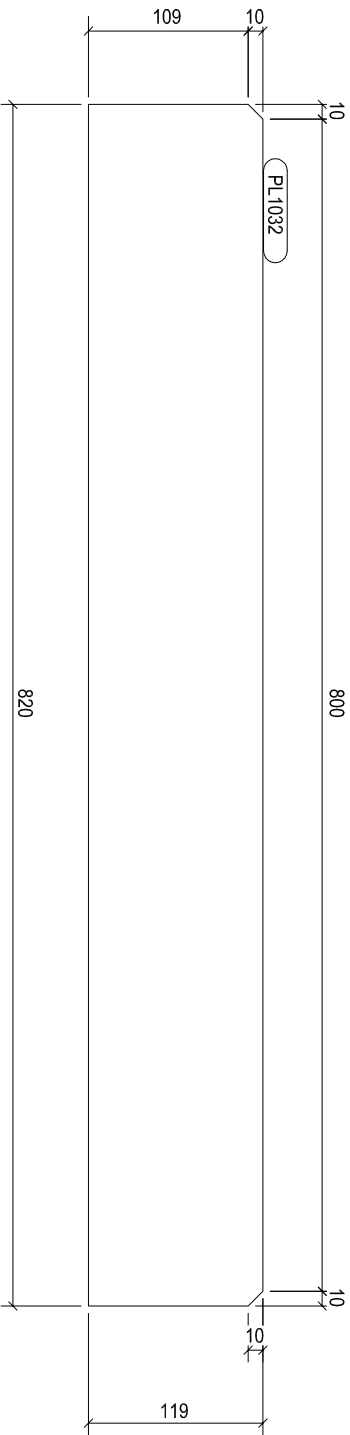
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| PL1037 | PL12*350 | 10 | 1340 | 0.98 | 44.2 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 9.79 | 441.8 |

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|----------------|--|-------------|--|-----------|------------|
| TITULO DIBUJO: | | XAPA | | | |
| DIBUJO No. | | W [PL.1037] | | FECHA: | 11.01.2013 |
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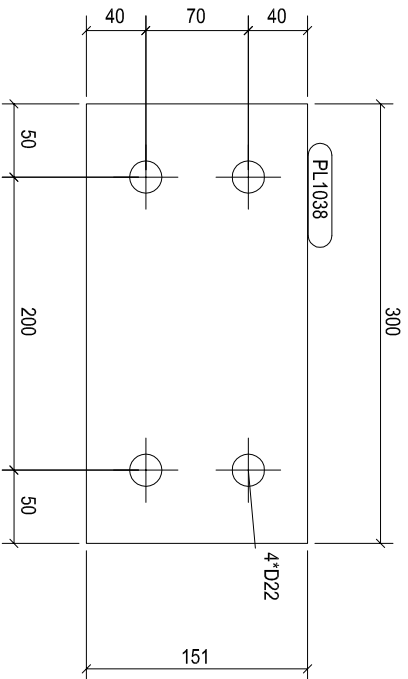
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|----------------------|-----------|----------|--------------|----------|----------|
| PL1035 | PL150*200 | 8 | 241 | 0.13 | 2.6 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 1.02 | 20.5 |

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|----------------|--|--------------|--|-----------|------------|
| TITULO DIBUJO: | | EJIO | | | |
| DIBUJO No. | | W [P.L.1035] | | FECHA: | 11.01.2013 |
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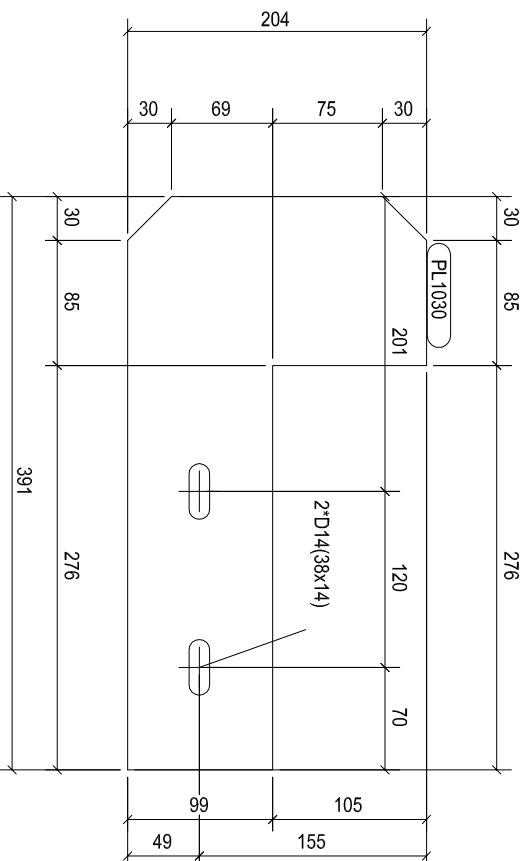
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| PL1032 | PL5*119 | 20 | 820 | 0.20 | 3.8 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 4.09 | 76.5 |

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|----------------|--|--------------|--|-----------|------------|
| TITULO DIBUJO: | | RÍGID | | | |
| DIBUJO No. | | W [P.L.1032] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



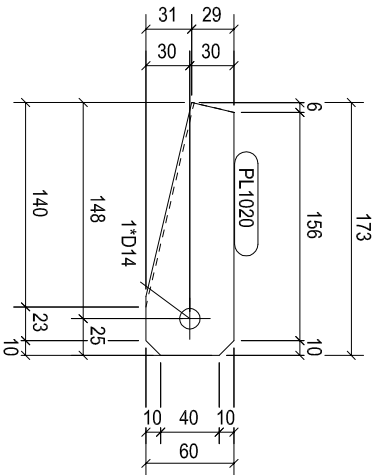
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|----------------------|----------|----------|--------------|----------|----------|
| PL1038 | PL12*151 | 16 | 300 | 0.10 | 4.3 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 1.62 | 68.2 |

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|----------------|--|--------------|--|-----------|------------|
| TITULO DIBUJO: | | XAPA | | | |
| DIBUJO No. | | W [P.L.1038] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



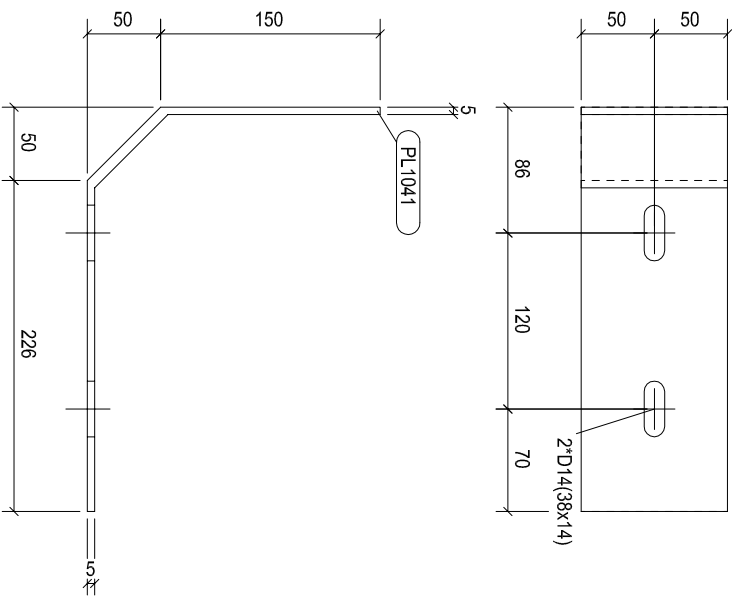
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|----------------------|---------|----------|--------------|----------|----------|
| PL1030 | PL5*204 | 32 | 391 | 0.11 | 2.0 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Proyecto Final de Ca | REF: 1 | TOTAL | | 3.38 | 62.7 |

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|----------------|--------------|-----------|------------|
| TITULO DIBUJO: | | EJIO | |
| DIBUJO No. | W [P.L.1030] | FECHA: | 11.01.2013 |
| ESCALA: | 1:5 | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | ACERO: | |



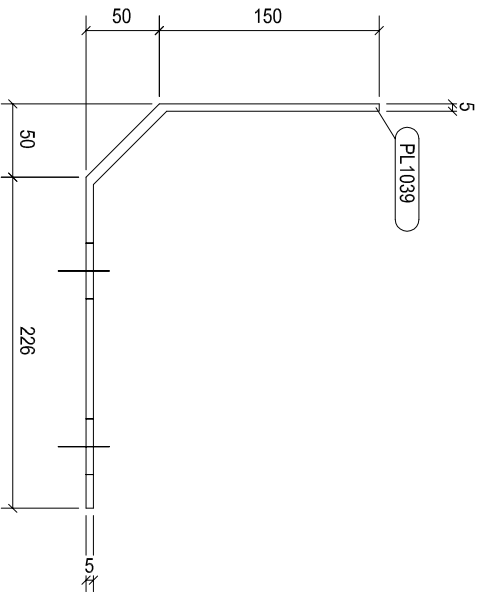
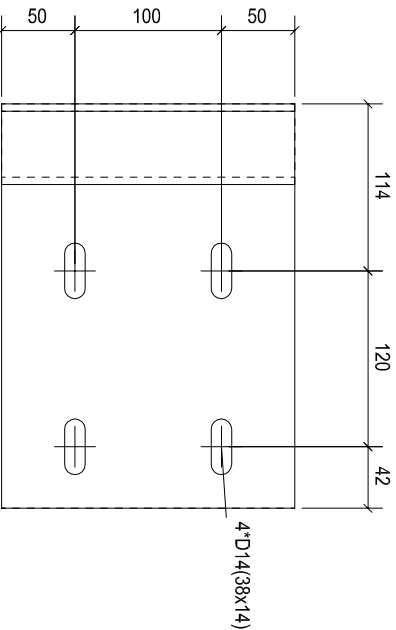
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|----------------------|---------|----------|--------------|----------|----------|
| PL1020 | PL15*60 | 2 | 173 | 0.02 | 0.9 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 0.04 | 1.9 |

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|----------------|--|--------------|--|-----------|------------|
| TITULO DIBUJO: | | XAPA | | | |
| DIBUJO No. | | W [P.L.1020] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 11.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



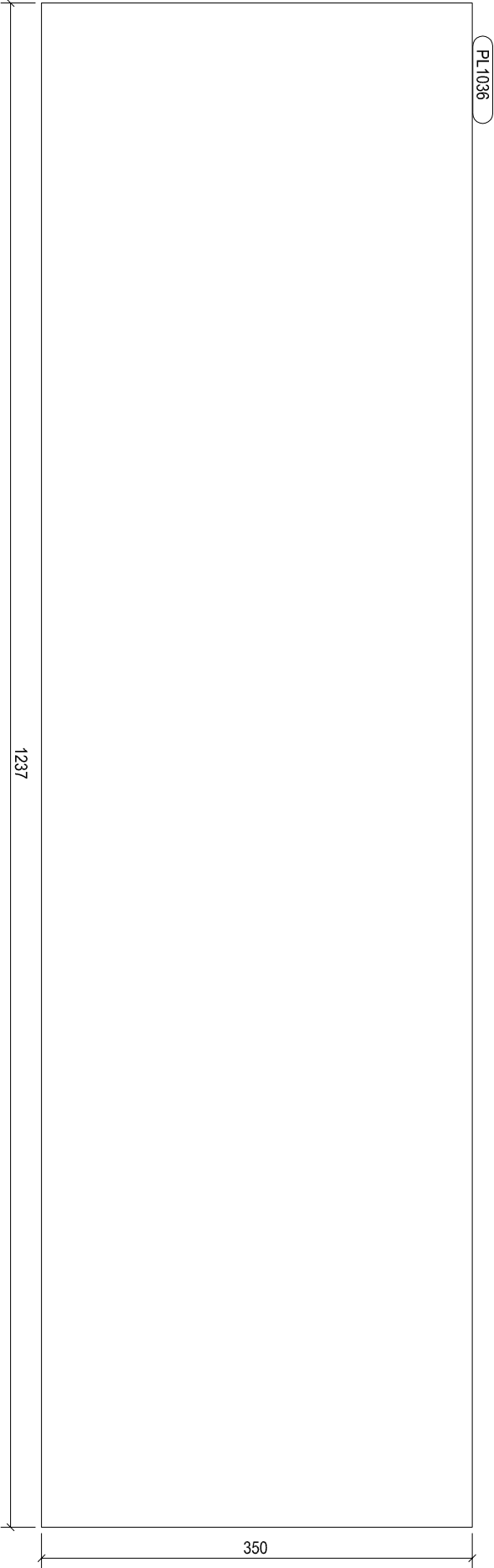
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|----------------------|-----------|----------|--------------|----------|----------|
| PL1041 | PL100*200 | 68 | 276 | 0.09 | 1.8 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 6.40 | 125.7 |

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|----------------|--|-------------|--|-----------|------------|
| TITULO DIBUJO: | | EJIO | | | |
| DIBUJO No. | | W [PL.1041] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



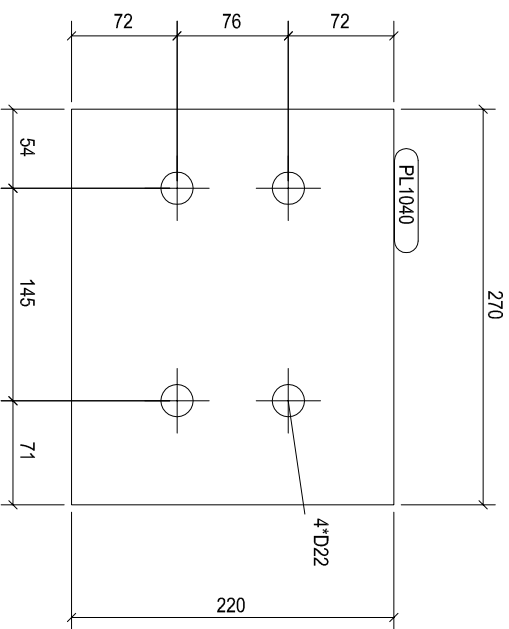
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|----------------------|-----------|----------|--------------|----------|----------|
| PL1039 | PL200*200 | 180 | 276 | 0.18 | 3.7 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 33.01 | 665.5 |

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|----------------|--|--------------|--|-----------|------------|
| TITULO DIBUJO: | | EJIO | | | |
| DIBUJO No. | | W [P.L.1039] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



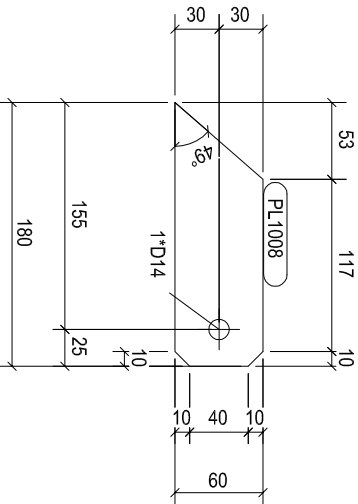
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|----------------------|----------|----------|--------------|----------|----------|
| PL1036 | PL12*350 | 10 | 1237 | 0.90 | 40.8 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 9.04 | 407.9 |

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|----------------|--|------|------------|-----------|------------|
| TITULO DIBUJO: | | XAPA | | | |
| DIBUJO No. | | W | [P.L.1036] | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



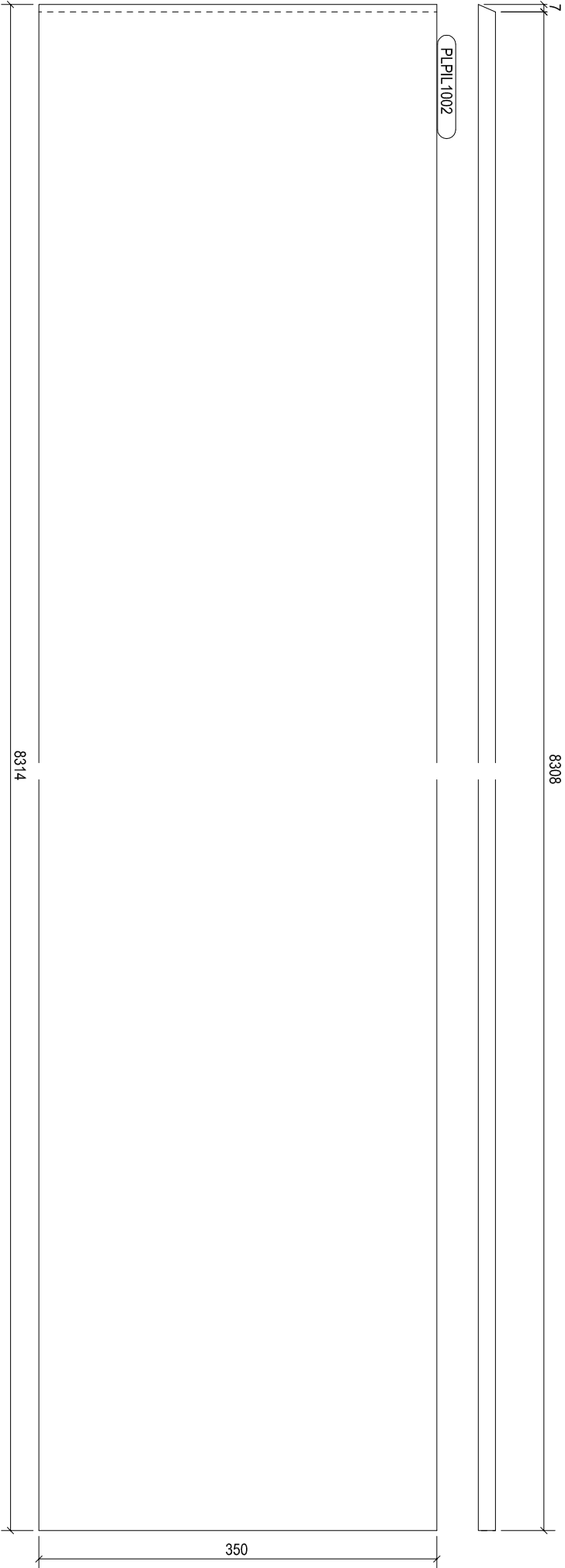
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|----------------------|-----------|----------|--------------|----------|----------|
| PL1040 | PL 16*220 | 4 | 270 | 0.13 | 7.5 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 0.54 | 29.8 |

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|----------------|--|--------------|--|-----------|------------|
| TITULO DIBUJO: | | XAPA | | | |
| DIBUJO No. | | W [P.L.1040] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



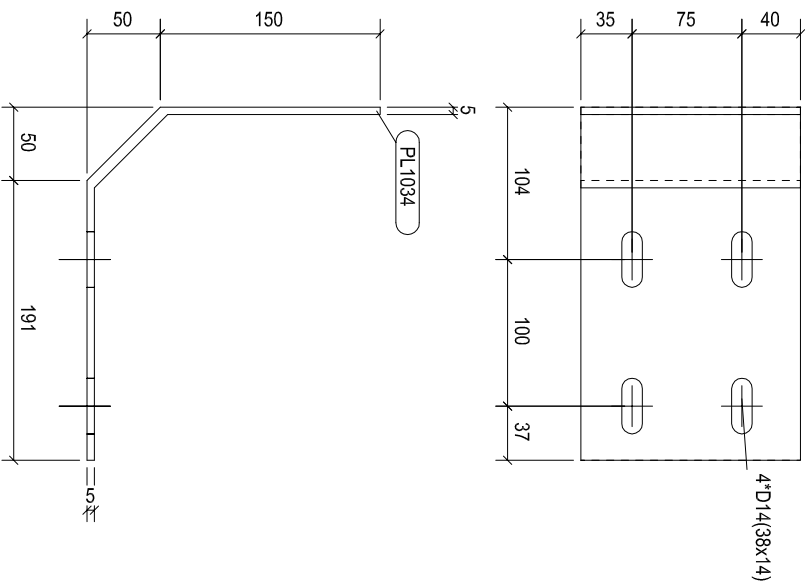
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|----------------------|---------|----------|--------------|----------|----------|
| PL1008 | PL15*60 | 8 | 180 | 0.02 | 1.1 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 0.20 | 8.6 |

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|----------------|--|--------------|--|-----------|------------|
| TITULO DIBUJO: | | PART | | | |
| DIBUJO No. | | W [P.L.1008] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 11.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



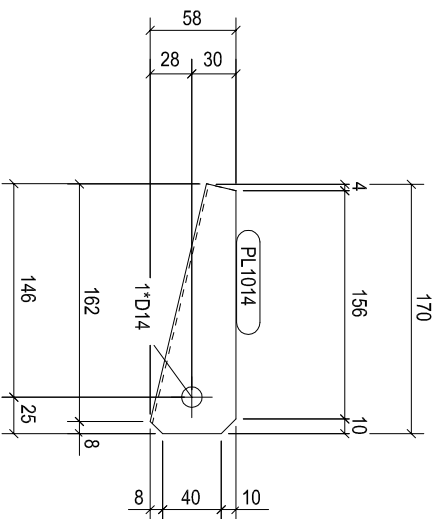
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|----------------------|-----------|----------|--------------|----------|----------|
| PLPIL 1002 | PL 15*350 | 10 | 8314 | 6.08 | 342.5 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 60.78 | 3425.2 |

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|----------------|--|------|-------------|-----------|------------|
| TITULO DIBUJO: | | XAPA | | | |
| DIBUJO No. | | W | [PLPIL.1002 | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | | ACERO: | | |



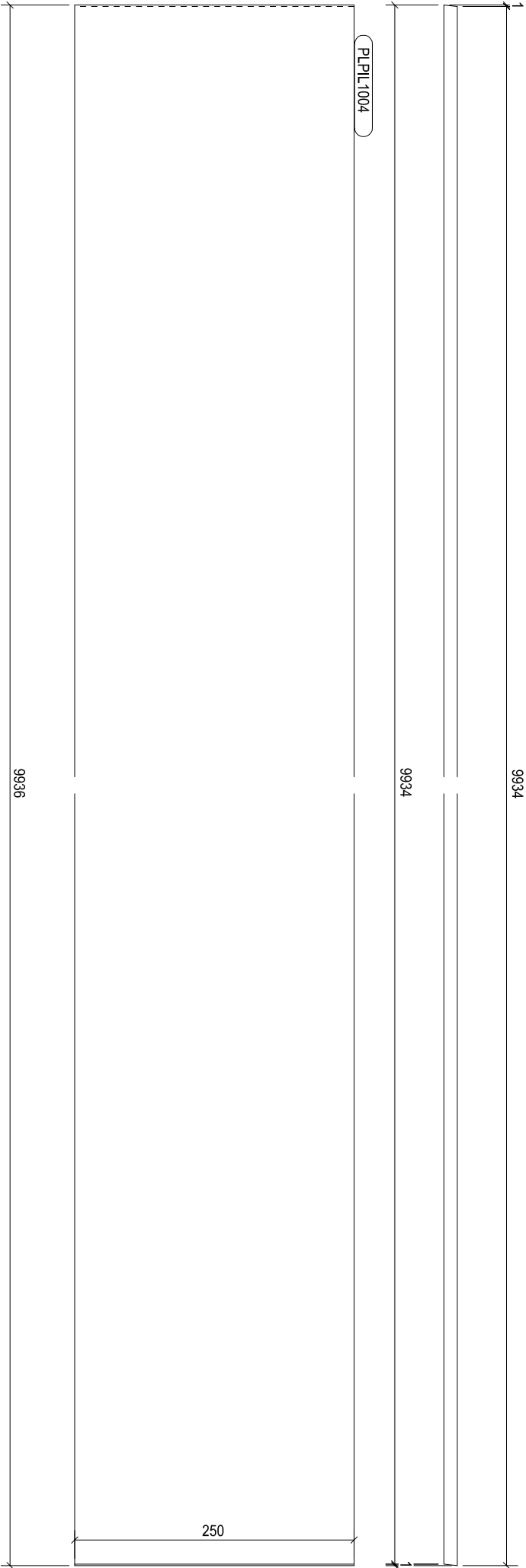
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|----------------------|-----------|----------|--------------|----------|----------|
| PL1034 | PL150*200 | 8 | 241 | 0.13 | 2.6 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 1.02 | 20.5 |

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|----------------|--|--------------|--|-----------|------------|
| TITULO DIBUJO: | | EJIO | | | |
| DIBUJO No. | | W [P.L.1034] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 14.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



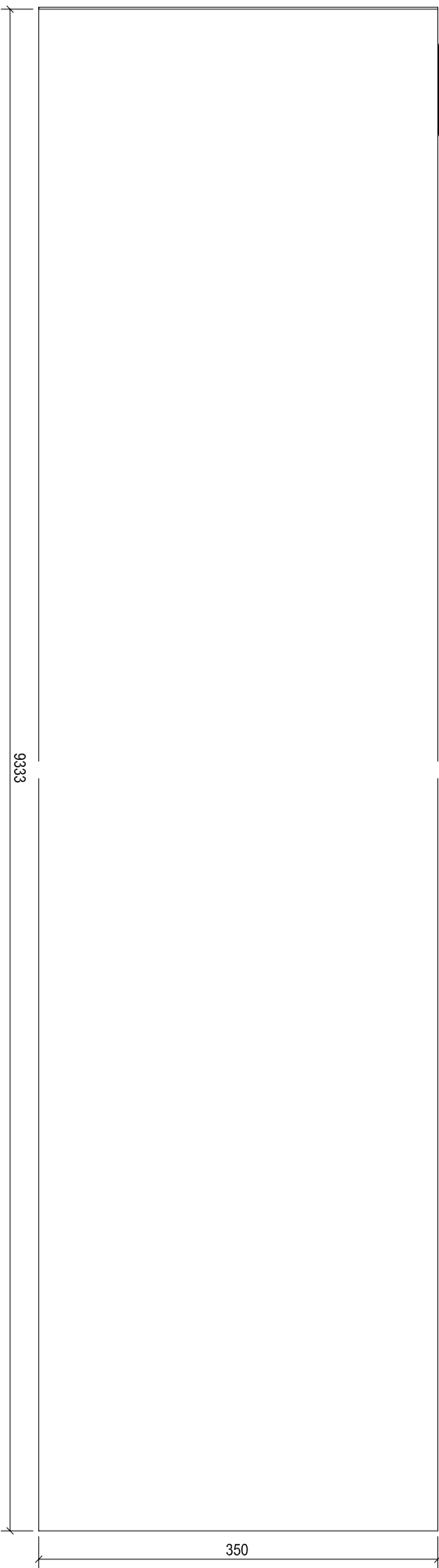
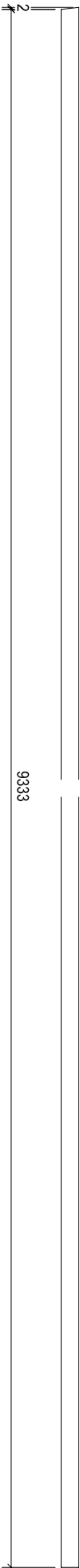
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|----------------------|---------|----------|--------------|----------|----------|
| PL1014 | PL15*58 | 2 | 171 | 0.02 | 0.8 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 0.04 | 1.6 |

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|----------------|--|-------------|--|-----------|------------|
| TITULO DIBUJO: | | XAPA | | | |
| DIBUJO No. | | W [PL.1014] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 11.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



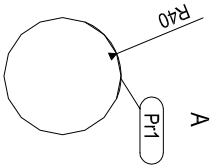
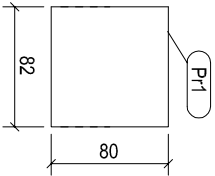
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|----------------------|-----------|----------|--------------|----------|----------|
| PLPIL 1004 | PL 12*250 | 10 | 9936 | 5.21 | 234.0 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 52.12 | 2339.5 |

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|----------------|--|---------------|--|-----------|------------|
| TITULO DIBUJO: | | XAPA | | | |
| DIBUJO No. | | W [PLPIL.1004 | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



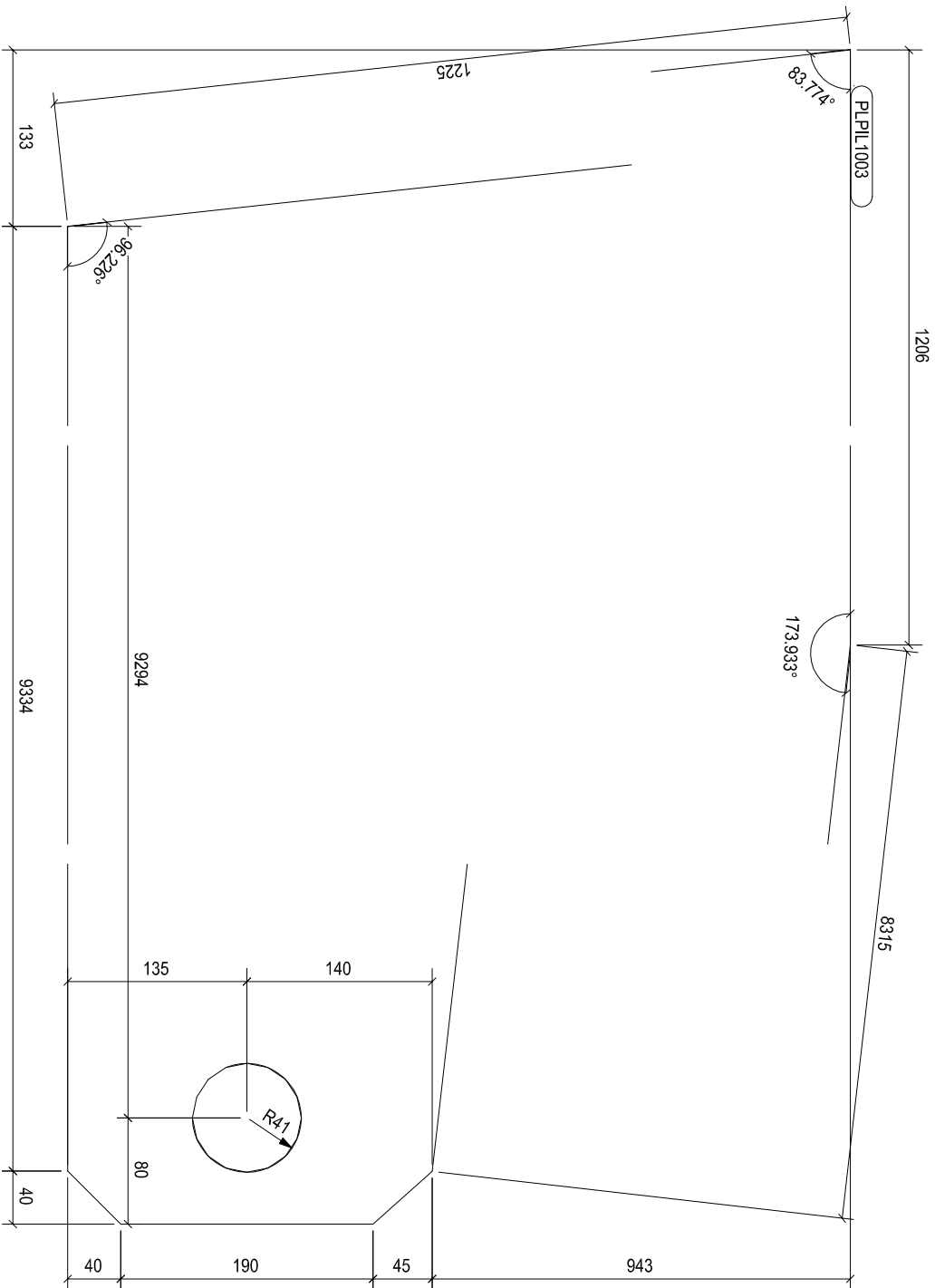
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|----------------------|-----------|----------|--------------|----------|----------|
| PLPIL 1001 | PL 15*350 | 10 | 9334 | 6.82 | 384.7 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 68.24 | 3846.6 |

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|----------------|--|---------------|--|-----------|------------|
| TITULO DIBUJO: | | XAPA | | | |
| DIBUJO No. | | W [PLPIL.1001 | | FECHA: | 11.01.2013 |
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| DIBUJADO POR: | | | | ACERO: | |



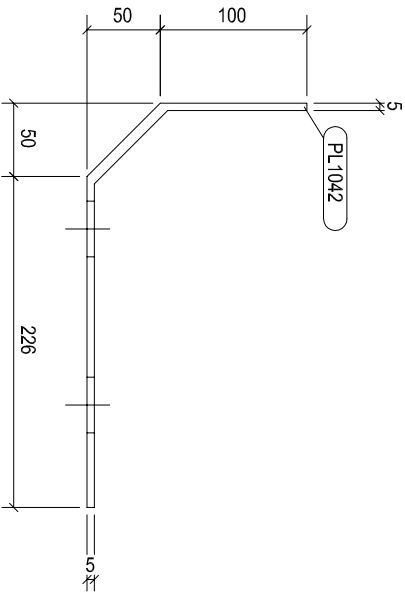
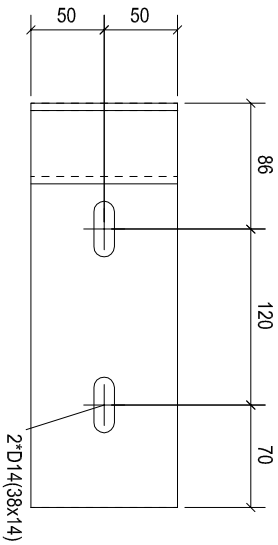
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|----------------------|--------|----------|--------------|----------|----------|
| Pr1 | D80 | 10 | 82 | 0.03 | 3.2 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 0.30 | 31.5 |

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|----------------|--|----------|--|-----------|------------|
| TITULO DIBUJO: | | BULÓ | | | |
| DIBUJO No. | | W [Pr.1] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



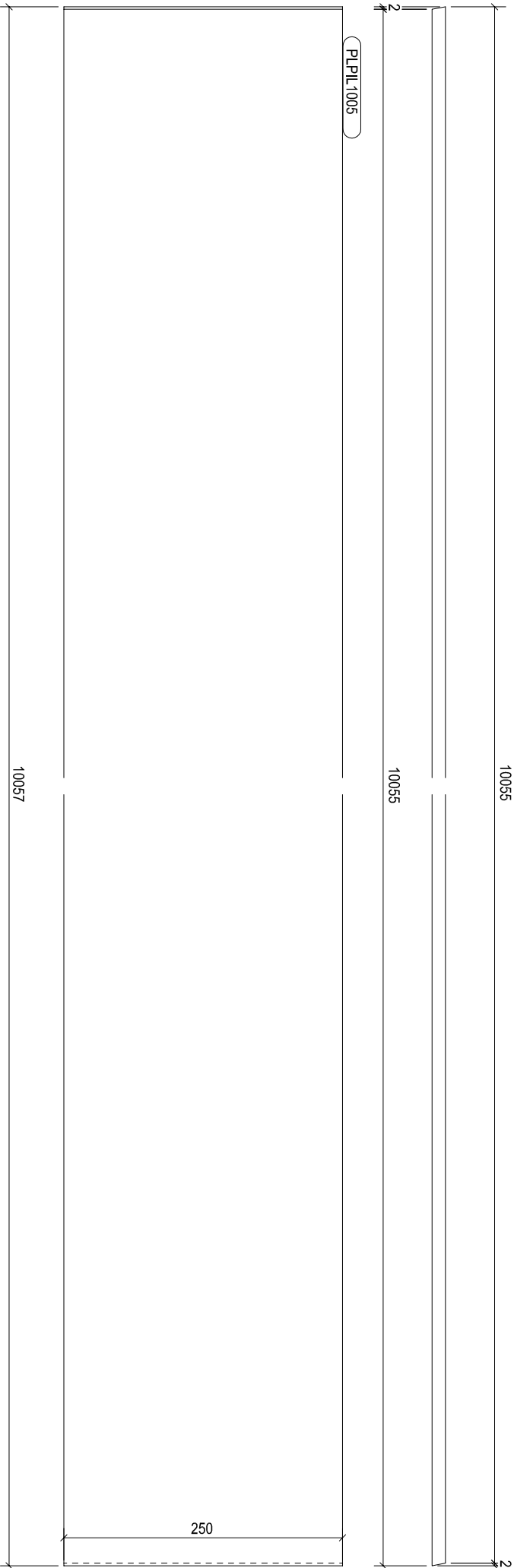
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|----------------------|------------|----------|--------------|----------|----------|
| PLPIL 1003 | PL 10*1217 | 10 | 9507 | 15.31 | 593.0 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 153.15 | 5930.1 |

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|----------------|--|---------------|--|-----------|------------|
| TITULO DIBUJO: | | XAPA | | | |
| DIBUJO No. | | W [PLPIL.1003 | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | ACERO: | | | |



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|----------------------|------------|----------|--------------|----------|----------|
| PL1042 | PL 100*150 | 4 | 276 | 0.08 | 1.7 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecte Final de Ca | | REF: 1 | TOTAL | 0.33 | 6.6 |

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|----------------|--|--------------|--|-----------|------------|
| TITULO DIBUJO: | | EJIO | | | |
| DIBUJO No. | | W [P.L.1042] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



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|----------------------|-----------|----------|--------------|----------|----------|
| PLPIL 1005 | PL 12*250 | 10 | 10057 | 5.27 | 236.8 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 52.75 | 2367.8 |

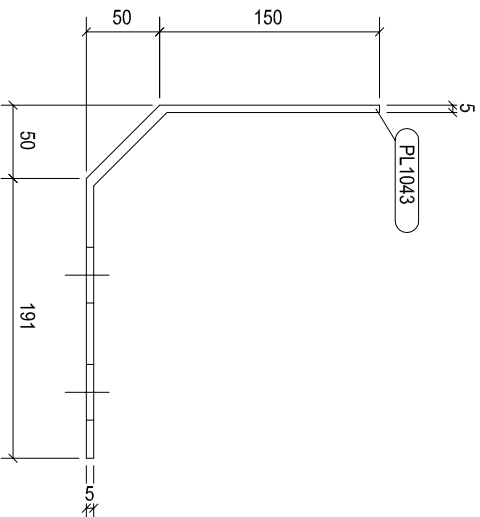
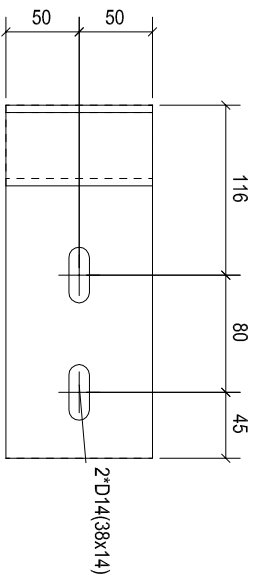
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|----------------|--|---------------|--|-----------|------------|
| TITULO DIBUJO: | | XAPA | | | |
| DIBUJO No. | | W [PLPIL.1005 | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



ROSCA A ESQUERRES DE M20X150

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|----------------------|--------|----------|--------------|----------|----------|
| Pr15 | D20 | 4 | 9928 | 0.61 | 22.0 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 2.43 | 88.2 |

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|----------------|--|-----------|-----------|------------|--|
| TITULO DIBUJO: | | TIRANTS | | | |
| DIBUJO No. | | W [Pr.15] | FECHA: | 11.01.2013 | |
| ESCALA: | | 1:5 | REVISION: | 12.01.2013 | |
| DIBUJADO POR: | | | ACERO: | | |



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|----------------------|-----------|----------|--------------|----------|----------|
| PL1043 | PL100*200 | 48 | 241 | 0.09 | 1.7 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 4.16 | 82.1 |

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|----------------|--|--------------|--|-----------|------------|
| TITULO DIBUJO: | | EJIO | | | |
| DIBUJO No. | | W [P.L.1043] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 14.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |

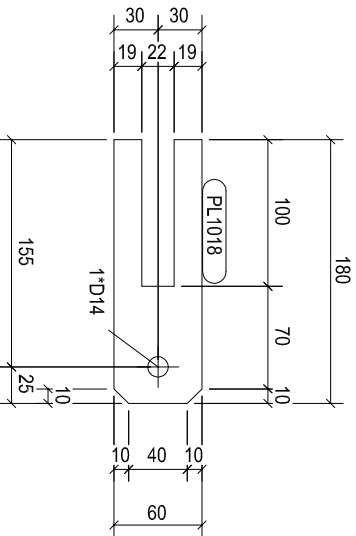
Pr16

12586

ROSCA ESQUERRES DE M18X150

| | | | | | |
|----------------------|--------|----------|--------------|----------|----------|
| Pr16 | D18 | 4 | 12586 | 0.69 | 22.6 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 2.78 | 90.5 |

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|----------------|--|---------|---------|-----------|------------|
| TITULO DIBUJO: | | TIRANTS | | | |
| DIBUJO No. | | W | [Pr.16] | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 14.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



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|----------------------|---------|----------|--------------|----------|----------|
| PL1018 | PL15*60 | 16 | 180 | 0.03 | 1.0 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 0.43 | 16.0 |

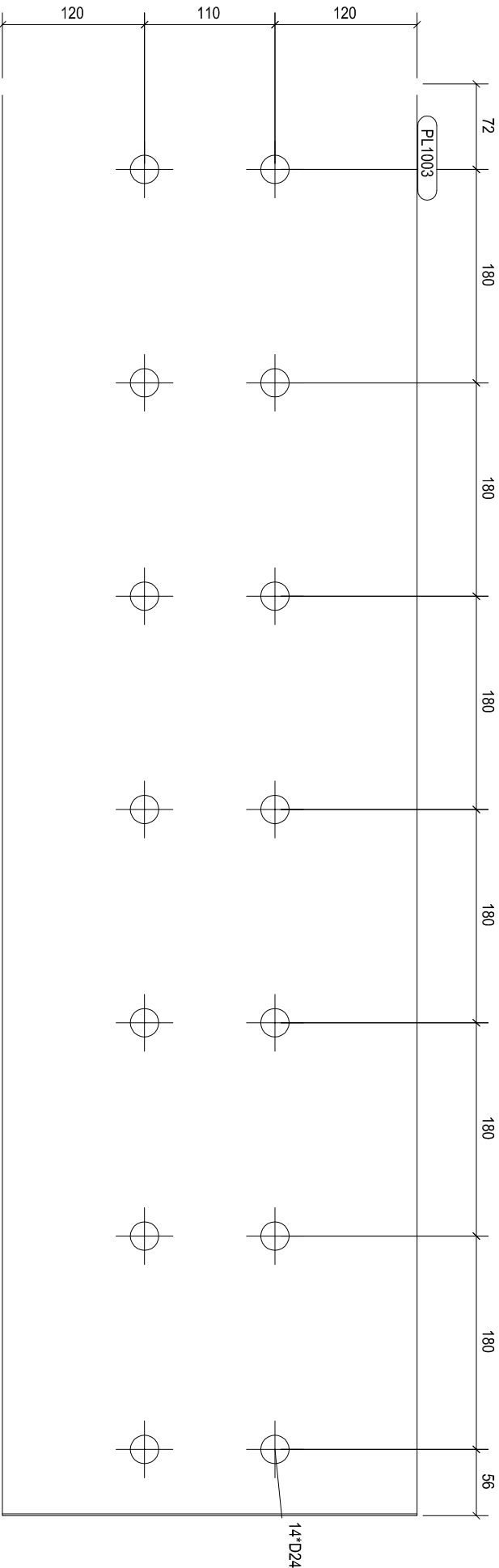
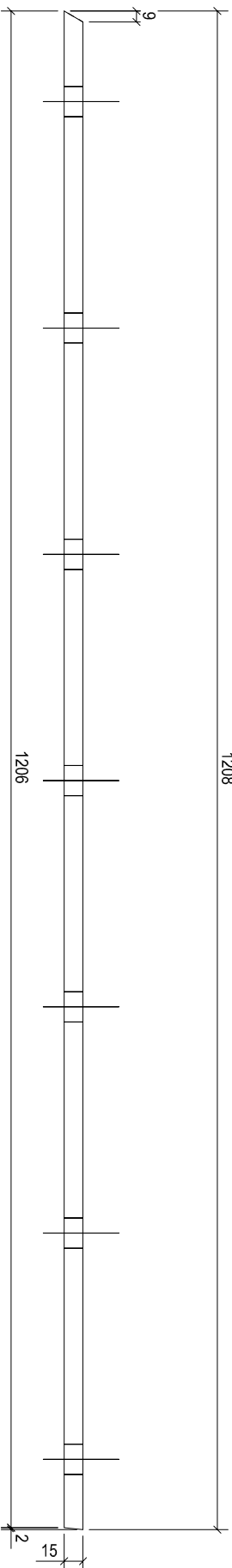
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|----------------|--|-------------|--|-----------|------------|
| TITULO DIBUJO: | | XAPA | | | |
| DIBUJO No. | | W [PL.1018] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 11.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



ROSCA A ESQUERRES DE M18X150

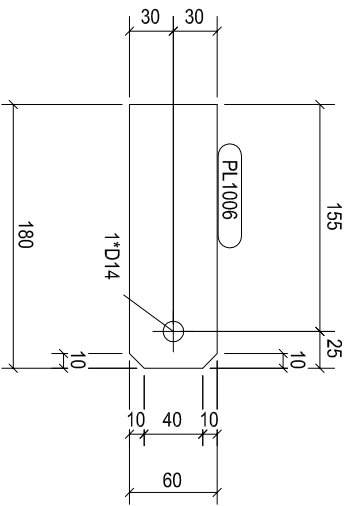
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|----------------------|--------|----------|--------------|----------|----------|
| Pr18 | D18 | 4 | 12386 | 0.68 | 22.3 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 2.73 | 89.1 |

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|----------------|--|-----------|--|-----------|------------|
| TITULO DIBUJO: | | TIRANTS | | | |
| DIBUJO No. | | W [Pr.18] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 14.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



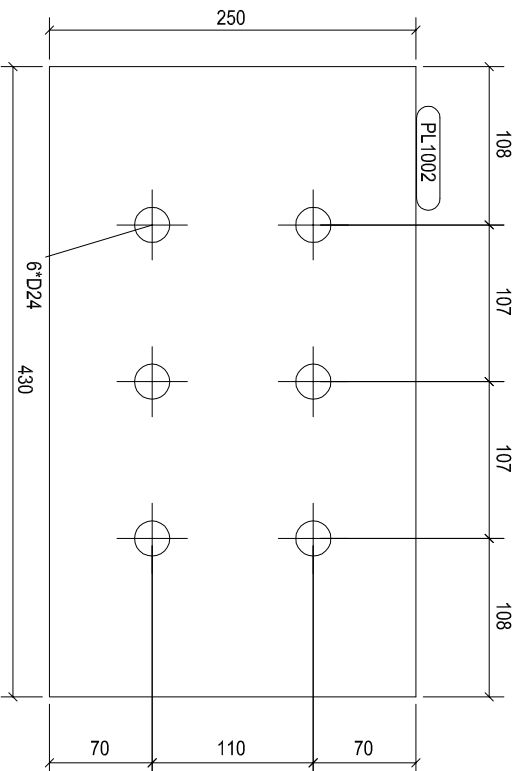
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|----------------------|----------|----------|--------------|----------|----------|
| PL1003 | PL15*350 | 10 | 1208 | 0.89 | 49.6 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 8.89 | 495.8 |

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|----------------|--|-------------|--|-----------|------------|
| TITULO DIBUJO: | | XAPA | | | |
| DIBUJO No. | | W [PL.1003] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 11.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



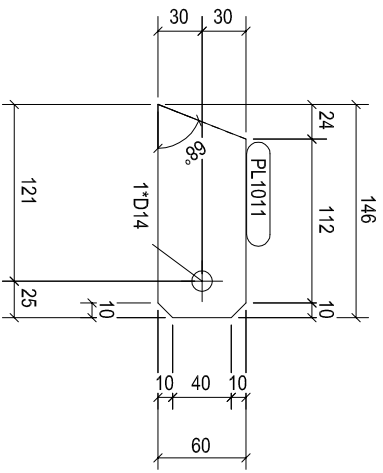
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|----------------------|---------|----------|--------------|----------|----------|
| PL1006 | PL15*60 | 4 | 180 | 0.03 | 1.3 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 0.11 | 5.0 |

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|----------------|--|--------------|--|-----------|------------|
| TITULO DIBUJO: | | XAPA | | | |
| DIBUJO No. | | W [P.L.1006] | | FECHA: | 11.01.2013 |
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| DIBUJADO POR: | | | | ACERO: | |



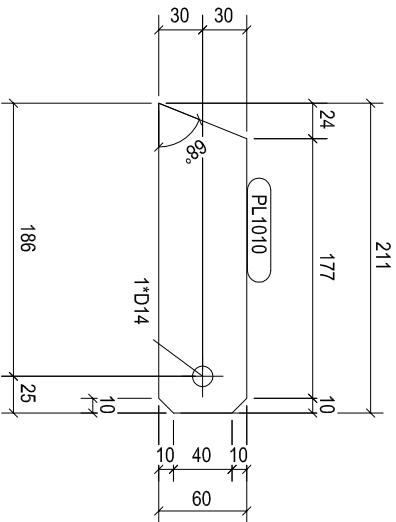
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|----------------------|----------|----------|--------------|----------|----------|
| PL1002 | PL15*250 | 8 | 430 | 0.24 | 12.7 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 1.88 | 101.3 |

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|----------------|--|--------------|--|-----------|------------|
| TITULO DIBUJO: | | XAPA | | | |
| DIBUJO No. | | W [P.L.1002] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 11.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



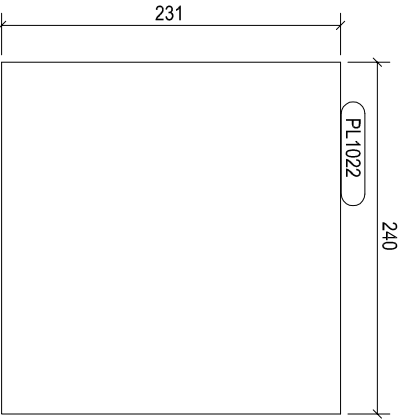
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|----------------------|---------|----------|--------------|----------|----------|
| PL1011 | PL15*60 | 4 | 146 | 0.02 | 0.9 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 0.09 | 3.7 |

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|----------------|--|-------------|--|-----------|------------|
| TITULO DIBUJO: | | XAPA | | | |
| DIBUJO No. | | W [PL.1011] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 11.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



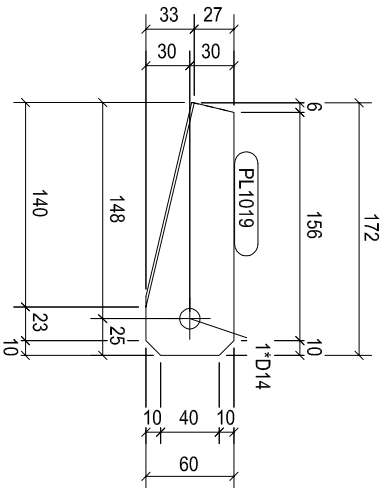
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|----------------------|---------|----------|--------------|----------|----------|
| PL1010 | PL15*60 | 4 | 211 | 0.03 | 1.4 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 0.13 | 5.6 |

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|----------------|--|-------------|--|-----------|------------|
| TITULO DIBUJO: | | XAPA | | | |
| DIBUJO No. | | W [PL.1010] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 11.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



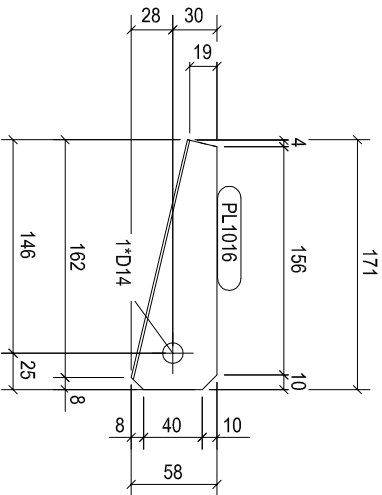
| | | | | | |
|----------------------|----------|----------|--------------|----------|----------|
| PL1022 | PL10*231 | 4 | 240 | 0.12 | 4.4 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 0.48 | 17.4 |

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|----------------|--|-------------|--|-----------|------------|
| TITULO DIBUJO: | | XAPA | | | |
| DIBUJO No. | | W [PL.1022] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 11.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



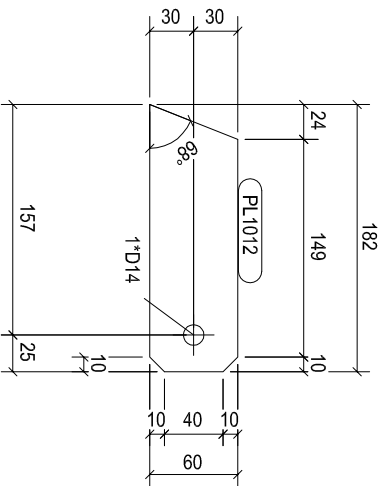
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|----------------------|---------|----------|--------------|----------|----------|
| PL1019 | PL15*60 | 2 | 173 | 0.02 | 0.9 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 0.04 | 1.9 |

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|----------------|--|--------------|--|-----------|------------|
| TITULO DIBUJO: | | XAPA | | | |
| DIBUJO No. | | W [P.L.1019] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 11.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



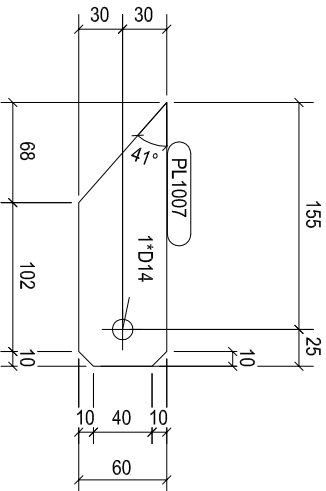
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|----------------------|---------|----------|--------------|----------|----------|
| PL1016 | PL15*58 | 2 | 171 | 0.02 | 0.8 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 0.04 | 1.6 |

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|----------------|--|-------------|--|-----------|------------|
| TITULO DIBUJO: | | XAPA | | | |
| DIBUJO No. | | W [PL.1016] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 11.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



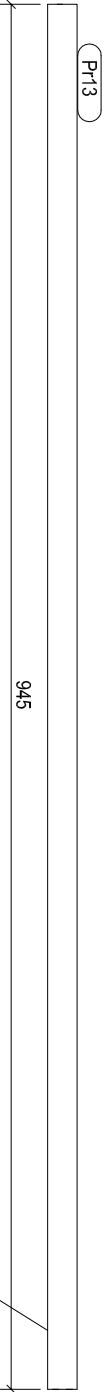
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|----------------------|---------|----------|--------------|----------|----------|
| PL1012 | PL15*60 | 4 | 182 | 0.03 | 1.2 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 0.11 | 4.8 |

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|----------------|--|-------------|--|-----------|------------|
| TITULO DIBUJO: | | XAPA | | | |
| DIBUJO No. | | W [PL.1012] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 11.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



| | | | | | |
|----------------------|----------|----------|--------------|----------|----------|
| PL1007 | PL 15*60 | 4 | 180 | 0.02 | 1.0 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 0.10 | 4.1 |

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|----------------|--|--------------|--|-----------|------------|
| TITULO DIBUJO: | | PART | | | |
| DIBUJO No. | | W [P.L.1007] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 11.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



ROSCA A DRETES DE M20X150

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|----------------------|--------|----------|--------------|----------|----------|
| Pr13 | D20 | 8 | 945 | 0.06 | 2.1 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 0.47 | 16.8 |

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|----------------|--|---------|---------|-----------|------------|
| TITULO DIBUJO: | | TIRANTS | | | |
| DIBUJO No. | | W | [Pr.13] | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |

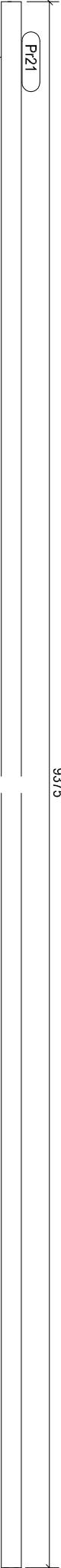
Pr20

9894

ROSCA A ESQUERRES DE M18X150

| | | | | | |
|----------------------|--------|----------|--------------|----------|----------|
| Pr20 | D18 | 4 | 9894 | 0.55 | 17.8 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 2.18 | 71.2 |

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|----------------|--|-----------|-----------|------------|--|
| TITULO DIBUJO: | | TIRANTS | | | |
| DIBUJO No. | | W [Pr.20] | FECHA: | 11.01.2013 | |
| ESCALA: | | 1:5 | REVISION: | 14.01.2013 | |
| DIBUJADO POR: | | | ACERO: | | |



ROSCA A ESQUERRES DE M18X150

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|----------------------|--------|----------|--------------|----------|----------|
| Pr21 | D18 | 4 | 9375 | 0.52 | 16.9 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proiecte Final de Ca | | REF: 1 | TOTAL | 2.07 | 67.4 |

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|----------------|--|-----------|-----------|------------|--|
| TITULO DIBUJO: | | TIRANTS | | | |
| DIBUJO No. | | W [Pr.21] | FECHA: | 11.01.2013 | |
| ESCALA: | | 1:5 | REVISION: | 14.01.2013 | |
| DIBUJADO POR: | | | ACERO: | | |



ROSCA A ESQUERRES DE M20X150

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|----------------------|--------|----------|--------------|----------|----------|
| Pr14 | D20 | 4 | 9894 | 0.61 | 22.0 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 2.43 | 87.9 |

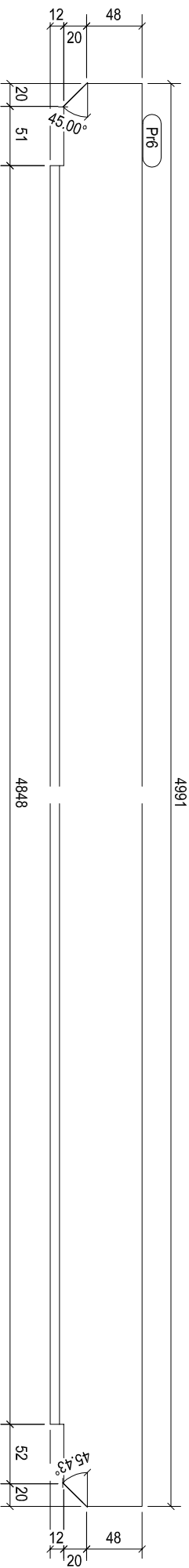
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|----------------|--|-----------|-----------|------------|--|
| TITULO DIBUJO: | | TIRANTS | | | |
| DIBUJO No. | | W [Pr.14] | FECHA: | 11.01.2013 | |
| ESCALA: | | 1:5 | REVISION: | 12.01.2013 | |
| DIBUJADO POR: | | | ACERO: | | |



ROSCA A ESQUERRES DE M18X150

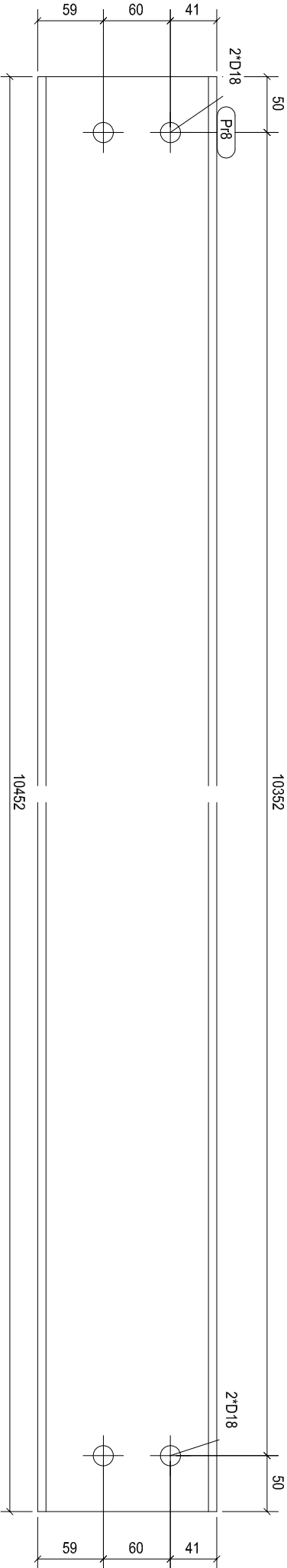
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|----------------------|--------|----------|--------------|----------|----------|
| Pr19 | D18 | 4 | 9928 | 0.55 | 17.9 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 2.19 | 71.4 |

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|----------------|--|-----------|-----------|------------|--|
| TITULO DIBUJO: | | TIRANTS | | | |
| DIBUJO No. | | W [Pr.19] | FECHA: | 11.01.2013 | |
| ESCALA: | | 1:5 | REVISION: | 14.01.2013 | |
| DIBUJADO POR: | | | ACERO: | | |



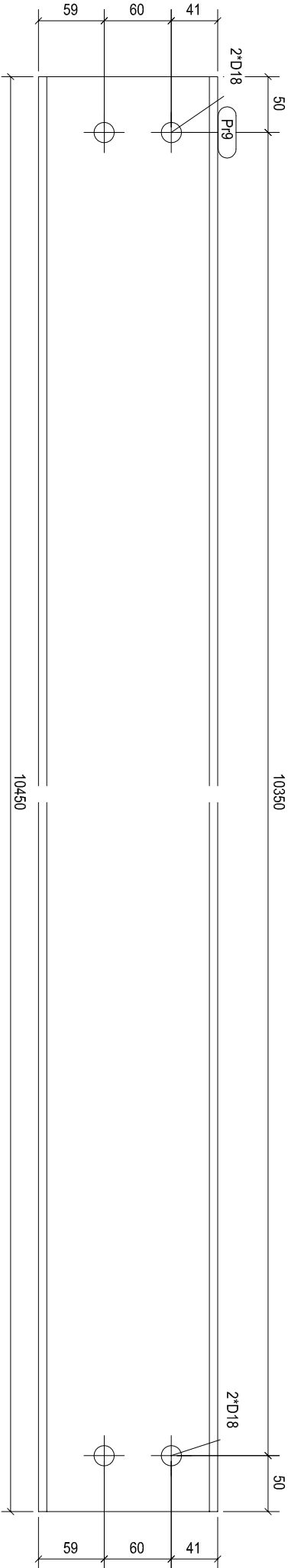
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|----------------------|--------|----------|--------------|----------|----------|
| Pr6 | L80*8 | 2 | 4991 | 1.55 | 48.2 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | REF: | 1 | TOTAL | 3.10 | 96.4 |

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|----------------|----------|-----------|------------|
| TITULO DIBUJO: | | BIGA | |
| DIBUJO No. | W [Pr.6] | FECHA: | 11.01.2013 |
| ESCALA: | 1:5 | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | ACERO: | |



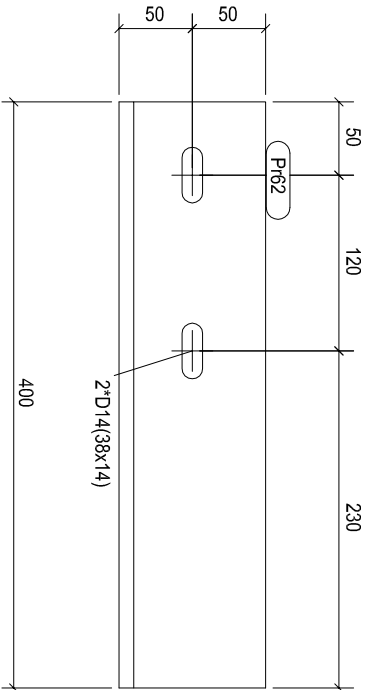
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|----------------------|--------|----------|--------------|----------|----------|
| Pr8 | IPE160 | 12 | 10452 | 6.51 | 165.1 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 78.14 | 1981.7 |

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|----------------|--|----------|--|-----------|------------|
| TITULO DIBUJO: | | BIGA | | | |
| DIBUJO No. | | W [Pr.8] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



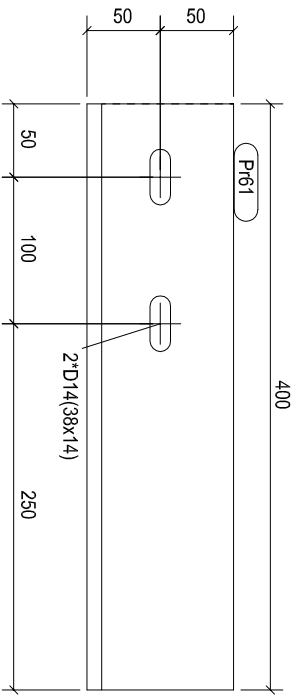
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|----------------------|--------|----------|--------------|----------|----------|
| Pr9 | IPE160 | 8 | 10450 | 6.51 | 165.1 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 52.08 | 1320.9 |

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|----------------|--|----------|--|-----------|------------|
| TITULO DIBUJO: | | BIGA | | | |
| DIBUJO No. | | W [Pr.9] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



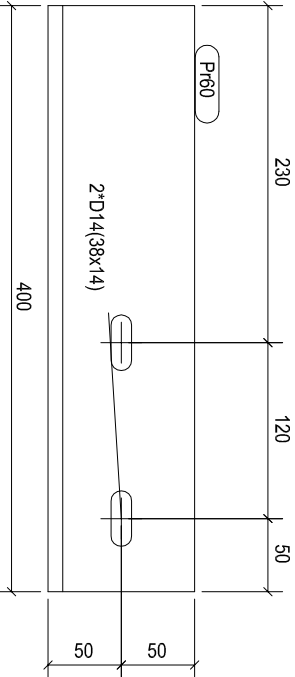
| | | | | | |
|----------------------|----------|----------|--------------|----------|----------|
| Pr62 | L 100*10 | 6 | 400 | 1.13 | 6.0 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 6.77 | 36.2 |

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|----------------|--|-----------|--|-----------|------------|
| TITULO DIBUJO: | | BIGA | | | |
| DIBUJO No. | | W [Pr.62] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



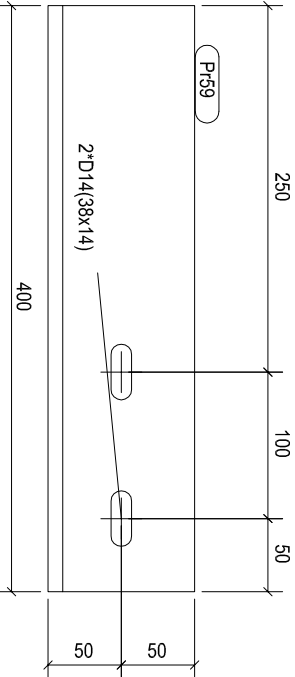
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|----------------------|----------|----------|--------------|----------|----------|
| Pr61 | L 100*10 | 2 | 400 | 1.13 | 6.0 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 2.26 | 12.1 |

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|----------------|--|-----------|--|-----------|------------|
| TITULO DIBUJO: | | BIGA | | | |
| DIBUJO No. | | W [Pr.61] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



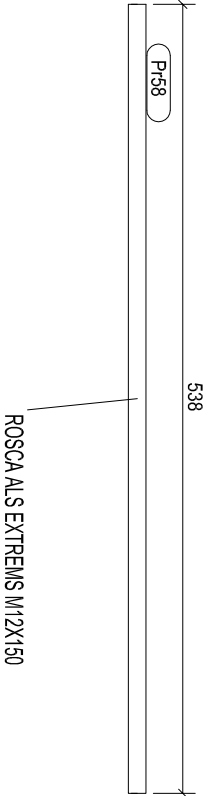
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|----------------------|----------|----------|--------------|----------|----------|
| Pr60 | L 100*10 | 6 | 400 | 1.13 | 6.0 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 6.77 | 36.2 |

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|----------------|--|-----------|--|-----------|------------|
| TITULO DIBUJO: | | BIGA | | | |
| DIBUJO No. | | W [Pr.60] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



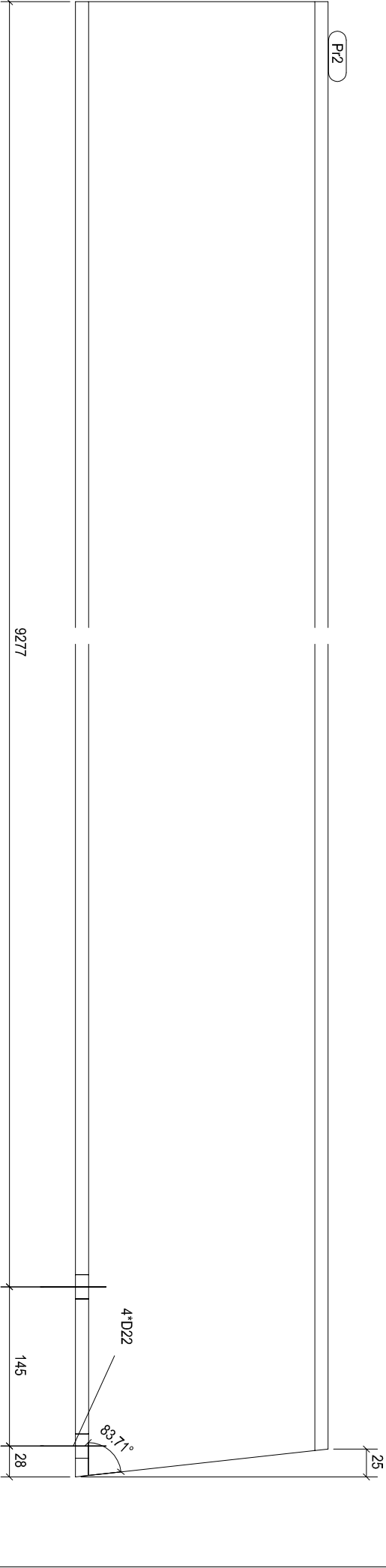
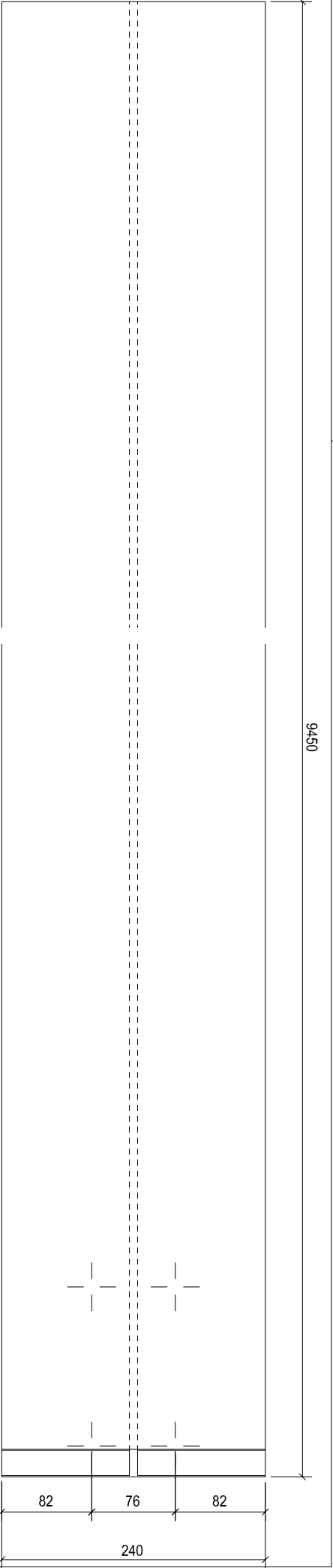
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|----------------------|----------|----------|--------------|----------|----------|
| Pr59 | L 100*10 | 2 | 400 | 1.13 | 6.0 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 2.26 | 12.1 |

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|----------------|--|-----------|--|-----------|------------|
| TITULO DIBUJO: | | BIGA | | | |
| DIBUJO No. | | W [Pr.59] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 15.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



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|----------------------|--------|----------|--------------|----------|----------|
| Pr58 | D12 | 6 | 538 | 0.02 | 0.4 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 0.12 | 2.6 |

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|----------------|--|-----------|--|-----------|------------|
| TITULO DIBUJO: | | TIRANTETS | | | |
| DIBUJO No. | | W [Pr.58] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 15.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



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|----------------------|--------|----------|--------------|----------|----------|
| Pr2 | HEA240 | 4 | 9450 | 12.95 | 569.8 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 51.79 | 2279.3 |

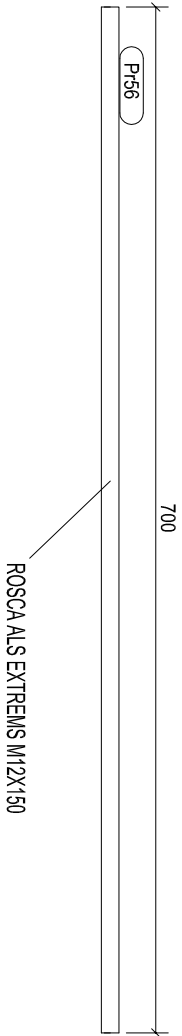
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| TITULO DIBUJO: | | BIGA | | | |
| DIBUJO No. | | W [Pr.2] | | FECHA: | 11.01.2013 |
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| DIBUJADO POR: | | | | ACERO: | |



ROSCA ALS EXTREMOS M12X150

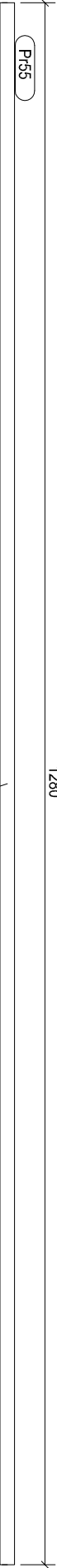
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|----------------------|--------|----------|--------------|----------|----------|
| Pr57 | D12 | 84 | 1435 | 0.05 | 1.1 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 4.45 | 96.3 |

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|----------------|--|-----------|-----------|------------|--|
| TITULO DIBUJO: | | TIRANTETS | | | |
| DIBUJO No. | | W [Pr.57] | FECHA: | 11.01.2013 | |
| ESCALA: | | 1:5 | REVISION: | 15.01.2013 | |
| DIBUJADO POR: | | | ACERO: | | |



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|----------------------|--------|----------|--------------|----------|----------|
| Pr56 | D12 | 12 | 700 | 0.03 | 0.6 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Projecte Final de Ca | | REF: 1 | TOTAL | 0.31 | 6.7 |

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|----------------|--|-----------|---------|-----------|------------|
| TITULO DIBUJO: | | TIRANTETS | | | |
| DIBUJO No. | | W | [Pr.56] | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 15.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



ROSCA ALS EXTREMS M12X150

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|----------------------|--------|----------|--------------|----------|----------|
| Pr55 | D12 | 12 | 1280 | 0.05 | 1.0 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Projecte Final de Ca | | REF: 1 | TOTAL | 0.57 | 12.3 |

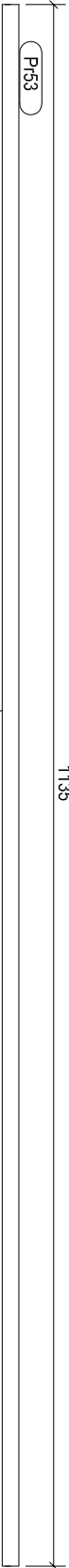
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|----------------|--|-----------|---------|-----------|------------|
| TITULO DIBUJO: | | TIRANTETS | | | |
| DIBUJO No. | | W | [Pr.55] | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



ROSCA ALS EXTREMS M12X150

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|----------------------|--------|----------|--------------|----------|----------|
| Pr54 | D12 | 60 | 1335 | 0.05 | 1.1 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 2.95 | 64.0 |

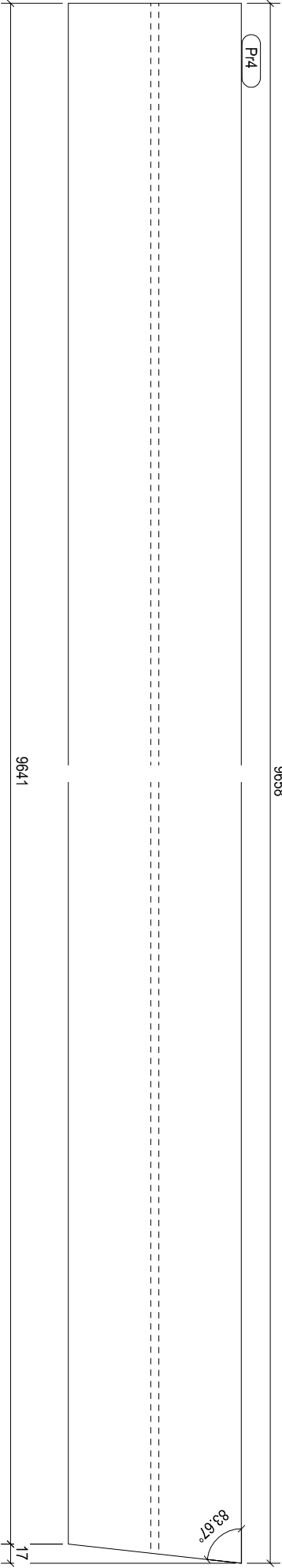
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|----------------|--|-----------|-----------|------------|--|
| TITULO DIBUJO: | | TIRANTETS | | | |
| DIBUJO No. | | W [Pr.54] | FECHA: | 11.01.2013 | |
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| DIBUJADO POR: | | | ACERO: | | |



ROSCA ALS EXTREMS M12X150

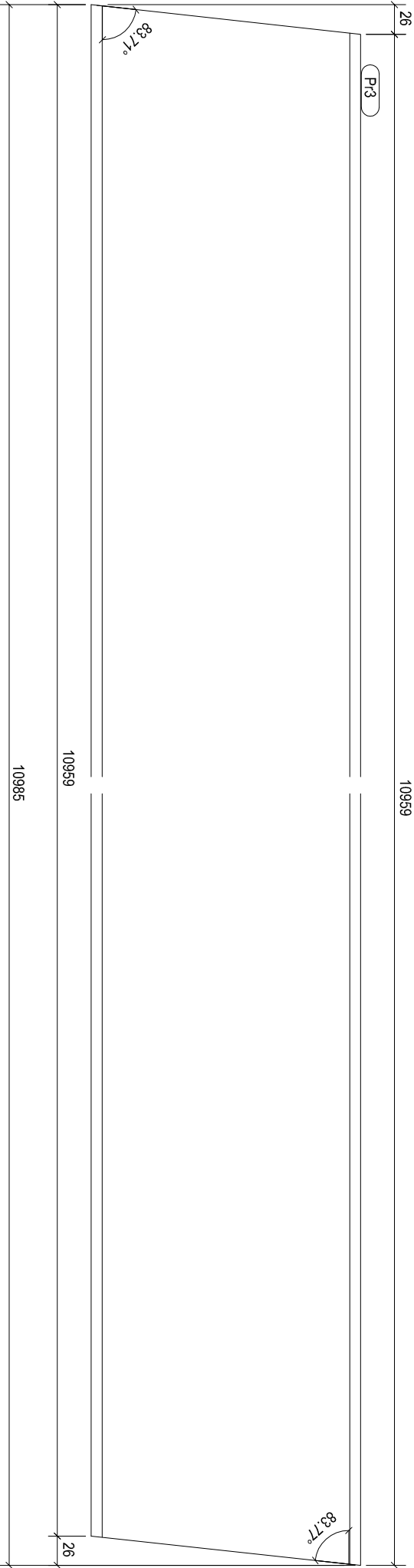
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|----------------------|--------|----------|--------------|----------|----------|
| Pr53 | D12 | 12 | 1135 | 0.04 | 0.9 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Projecte Final de Ca | | REF: 1 | TOTAL | 0.50 | 10.9 |

| | | | | | |
|----------------|--|-----------|---------|-----------|------------|
| TITULO DIBUJO: | | TIRANTETS | | | |
| DIBUJO No. | | W | [Pr.53] | FECHA: | 11.01.2013 |
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| DIBUJADO POR: | | | | ACERO: | |



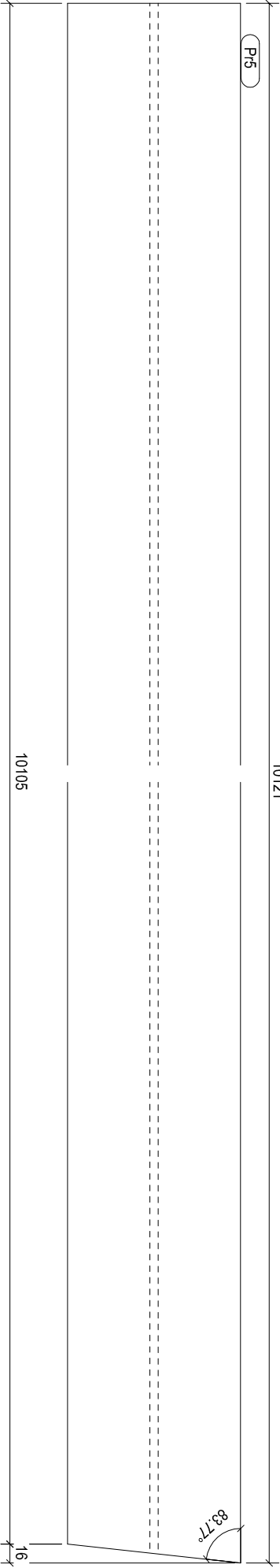
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|----------------------|--------|----------|--------------|----------|----------|
| Pr4 | IPE300 | 4 | 9658 | 11.19 | 407.6 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 44.77 | 1630.2 |

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|----------------|--|----------|--|-----------|------------|
| TITULO DIBUJO: | | BIGA | | | |
| DIBUJO No. | | W [Pr.4] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 14.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



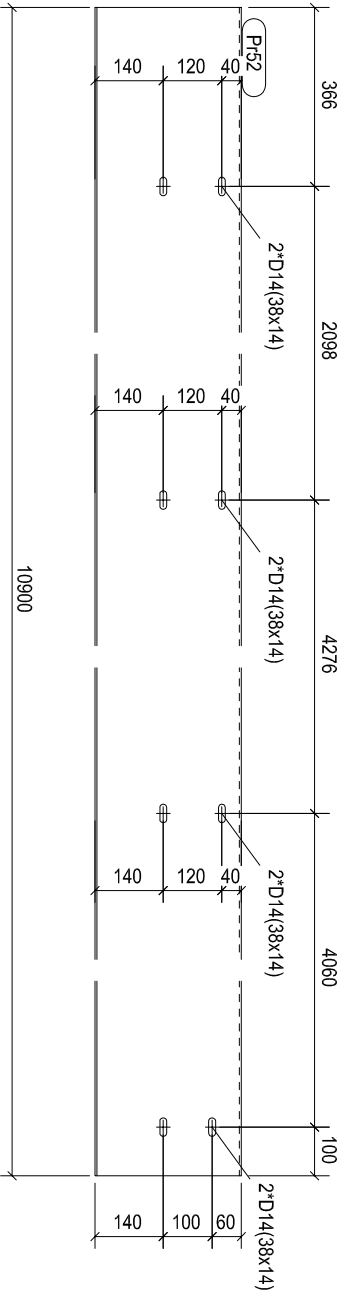
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|----------------------|--------|----------|--------------|----------|----------|
| Pr3 | IPE240 | 4 | 10985 | 10.13 | 337.2 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 40.51 | 1349.0 |

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|----------------|--|----------|--|-----------|------------|
| TITULO DIBUJO: | | BIGA | | | |
| DIBUJO No. | | W [Pr.3] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



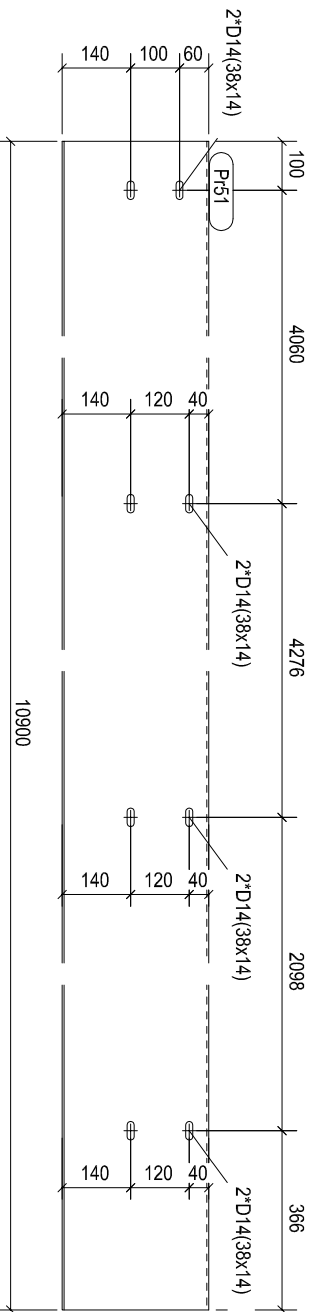
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|----------------------|--------|----------|--------------|----------|----------|
| Pr5 | IPe300 | 4 | 10121 | 11.73 | 427.1 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 46.92 | 1708.4 |

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|----------------|--|----------|--|-----------|------------|
| TITULO DIBUJO: | | BIGA | | | |
| DIBUJO No. | | W [Pr.5] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 14.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



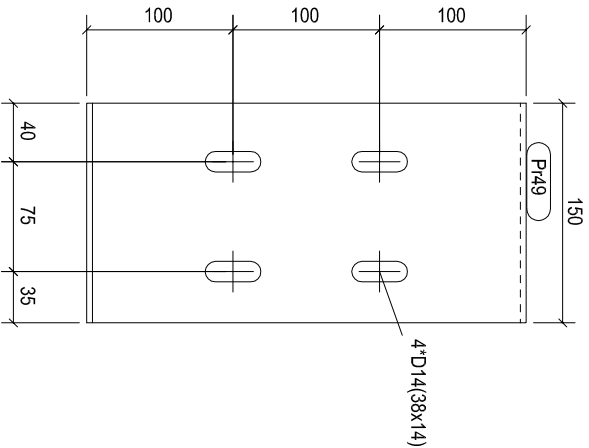
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|----------------------|------------|----------|--------------|----------|----------|
| Pr52 | Z300*113*4 | 2 | 10900 | 9.01 | 140.0 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 18.01 | 280.0 |

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|----------------|--|------------|--|-----------|------------|
| TITULO DIBUJO: | | CORRETTGES | | | |
| DIBUJO No. | | W [Pr.52] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:15 | | REVISION: | 14.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



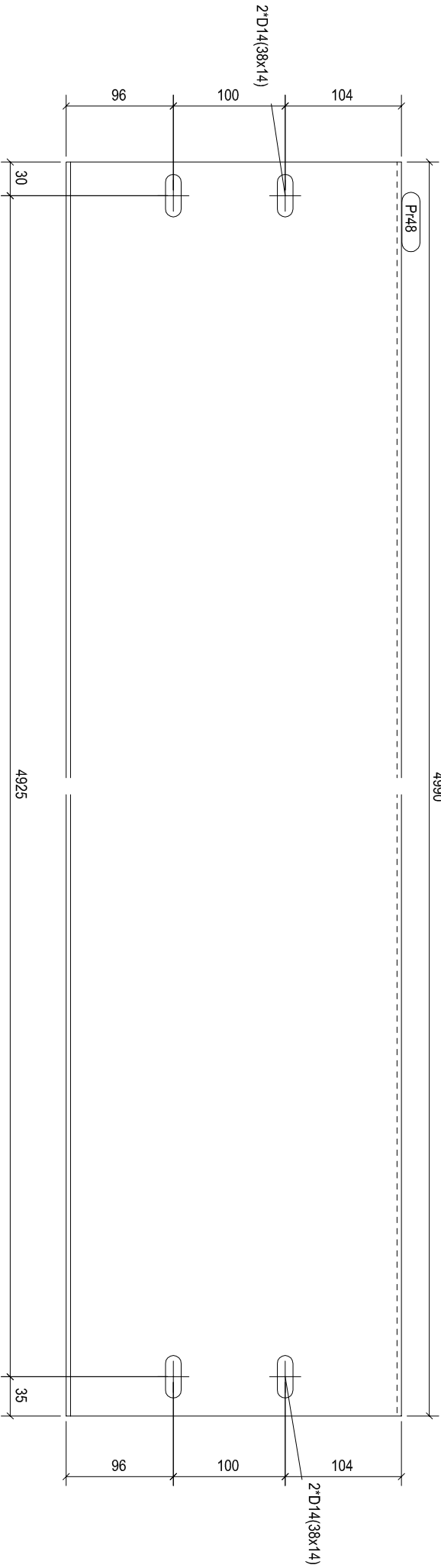
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|----------------------|------------|----------|--------------|----------|----------|
| Pr51 | Z300*113*4 | 2 | 10900 | 9.01 | 140.0 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 18.01 | 280.0 |

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|----------------|--|------------|--|-----------|------------|
| TITULO DIBUJO: | | CORRETTGES | | | |
| DIBUJO No. | | W [Pr.51] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:15 | | REVISION: | 14.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



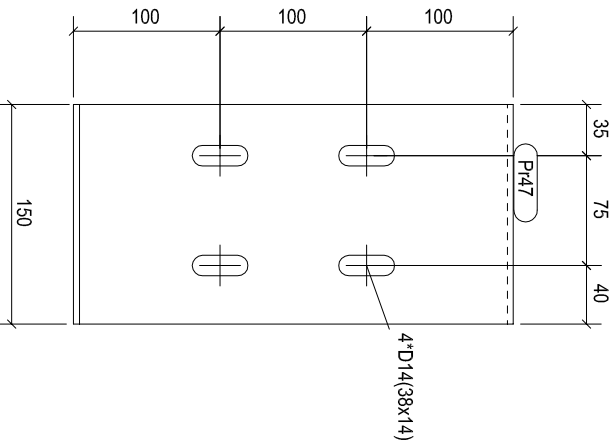
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|----------------------|------------|----------|--------------|----------|----------|
| Pr49 | Z300*113*4 | 8 | 150 | 0.13 | 1.9 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 1.02 | 15.4 |

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|----------------|--|--------------|--|-----------|------------|
| TITULO DIBUJO: | | COBRE JUNTES | | | |
| DIBUJO No. | | W [Pr.49] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



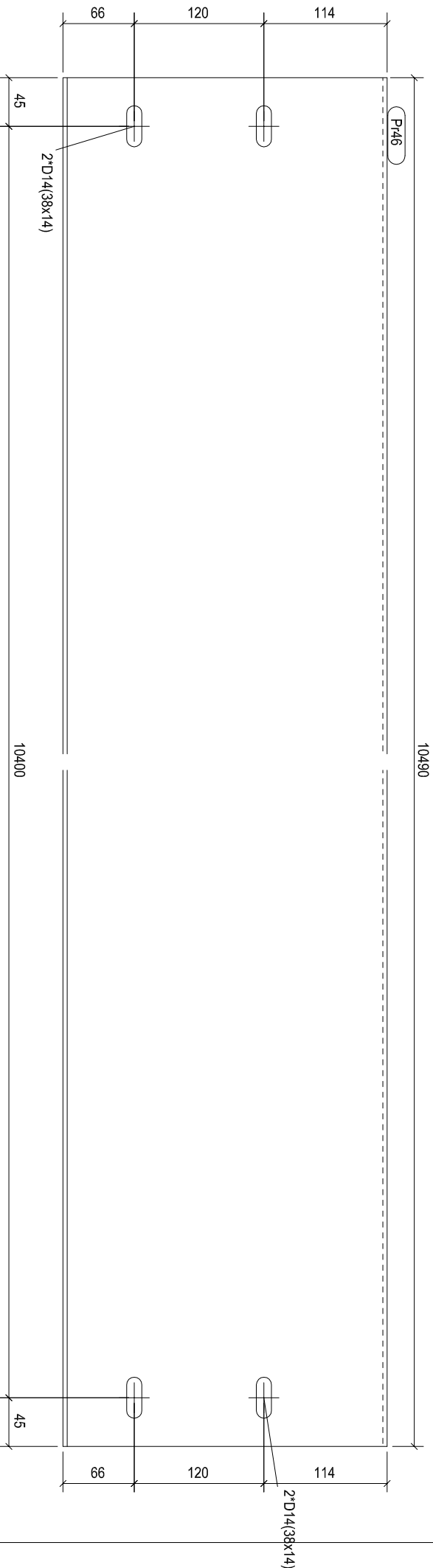
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|----------------------|------------|----------|--------------|----------|----------|
| Pr48 | Z300*113*4 | 4 | 4990 | 4.13 | 64.1 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 16.50 | 256.3 |

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|----------------|--|------------|--|-----------|------------|
| TITULO DIBUJO: | | CORRETTGES | | | |
| DIBUJO No. | | W [Pr.48] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



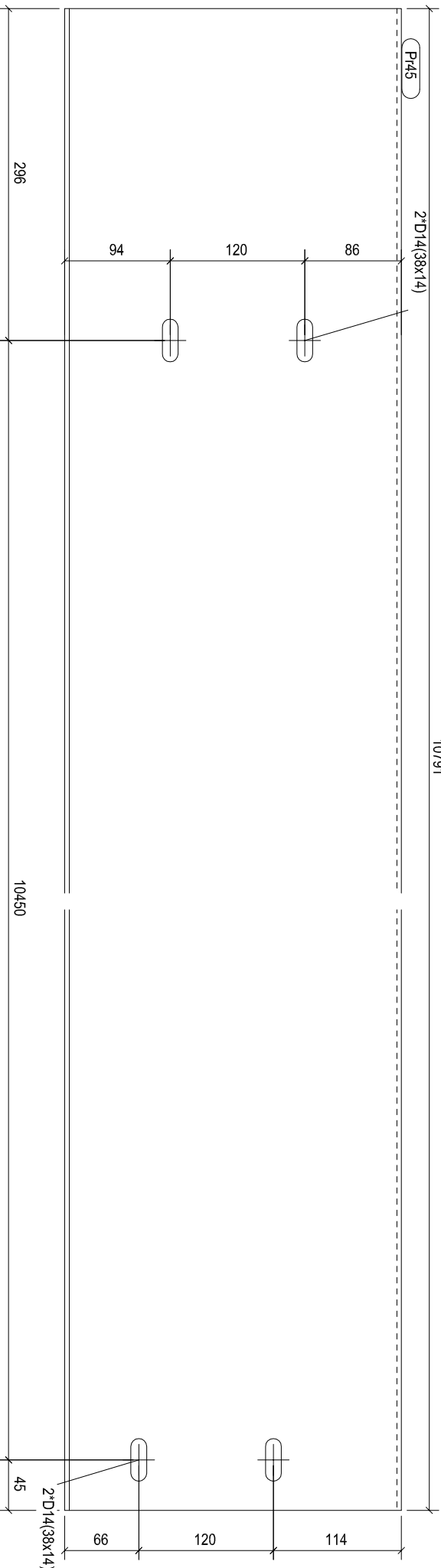
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|----------------------|------------|----------|--------------|----------|----------|
| Pr47 | Z300*113*4 | 8 | 150 | 0.13 | 1.9 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 1.02 | 15.4 |

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|----------------|--|--------------|--|-----------|------------|
| TITULO DIBUJO: | | COBRE JUNTES | | | |
| DIBUJO No. | | W [Pr.47] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



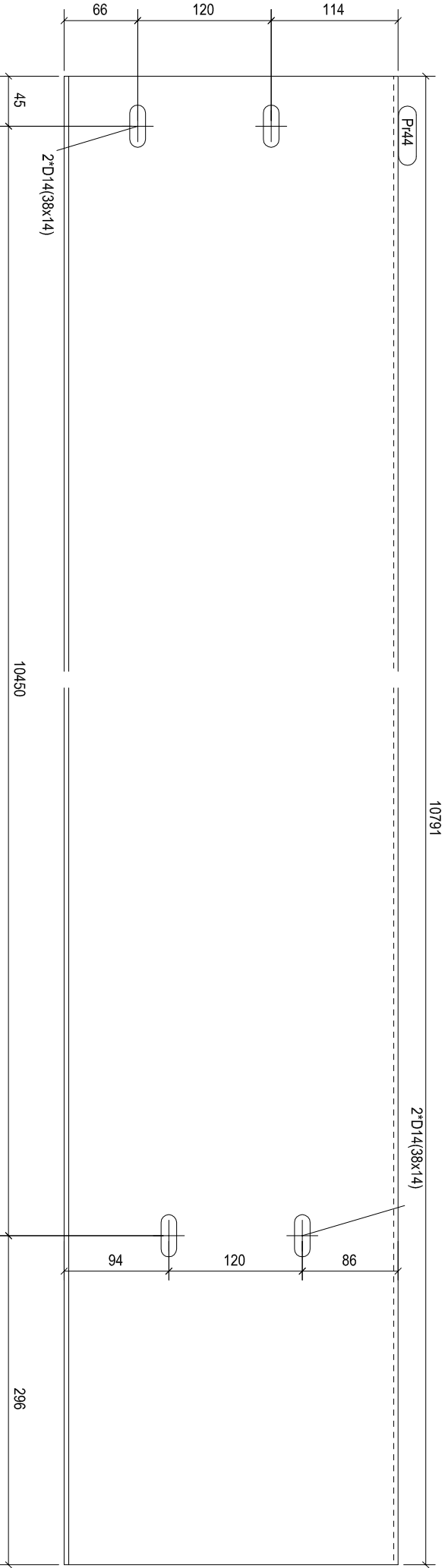
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|----------------------|------------|----------|--------------|----------|----------|
| Pr46 | Z300*113*4 | 8 | 10490 | 8.67 | 134.7 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 69.34 | 1077.8 |

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|----------------|--|------------|--|-----------|------------|
| TITULO DIBUJO: | | CORRETTGES | | | |
| DIBUJO No. | | W [Pr.46] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



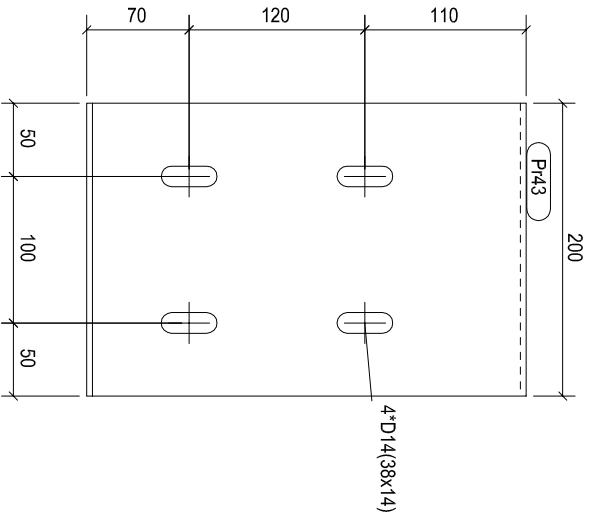
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|----------------------|------------|----------|--------------|----------|----------|
| Pr45 | Z300*113*4 | 2 | 10791 | 8.92 | 138.6 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 17.83 | 277.2 |

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|----------------|--|------------|--|-----------|------------|
| TITULO DIBUJO: | | CORRETTGES | | | |
| DIBUJO No. | | W [Pr.45] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



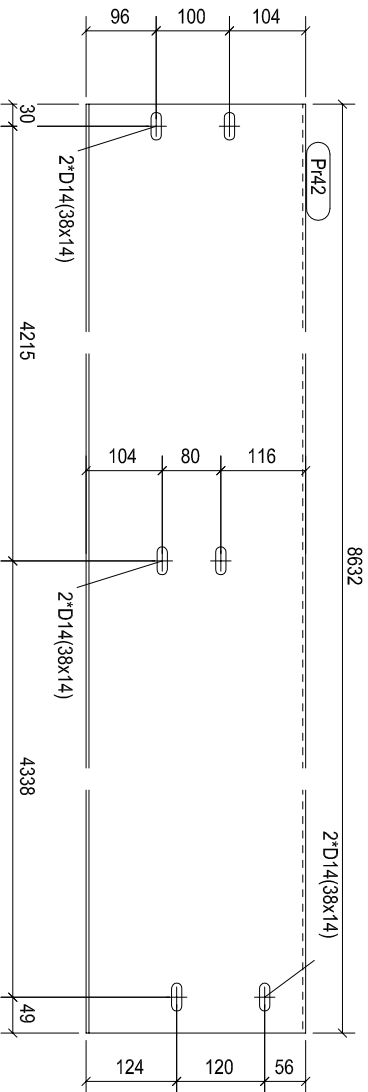
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|----------------------|------------|----------|--------------|----------|----------|
| Pr44 | Z300*113*4 | 2 | 10791 | 8.92 | 138.6 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 17.83 | 277.2 |

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|----------------|--|------------|--|-----------|------------|
| TITULO DIBUJO: | | CORRETTGES | | | |
| DIBUJO No. | | W [Pr.44] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



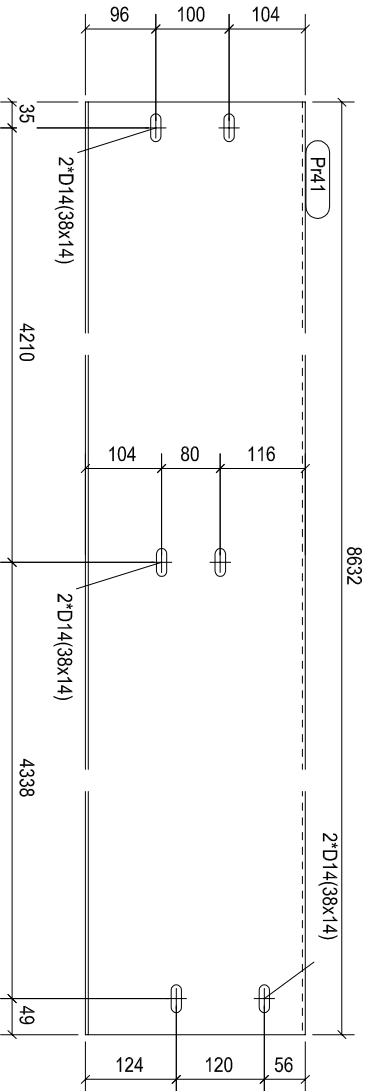
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|----------------------|------------|----------|--------------|----------|----------|
| Pr43 | Z300*113*4 | 180 | 200 | 0.17 | 2.6 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 30.32 | 462.3 |

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|----------------|--|--------------|--|-----------|------------|
| TITULO DIBUJO: | | COBRE JUNTES | | | |
| DIBUJO No. | | W [Pr.43] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



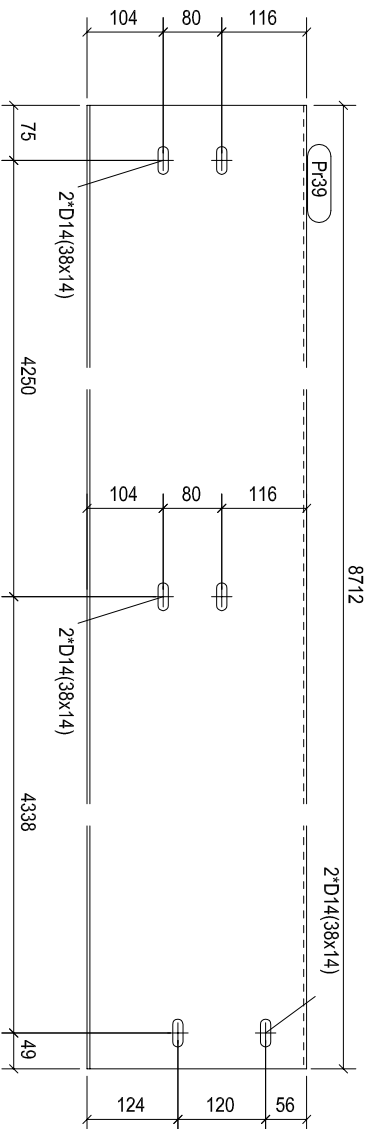
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|----------------------|------------|----------|--------------|----------|----------|
| Pr42 | Z300*113*4 | 4 | 8632 | 7.13 | 110.9 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 28.53 | 443.4 |

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|----------------|--|------------|--|-----------|------------|
| TITULO DIBUJO: | | CORRETTGES | | | |
| DIBUJO No. | | W [Pr.42] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:10 | | REVISION: | 14.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



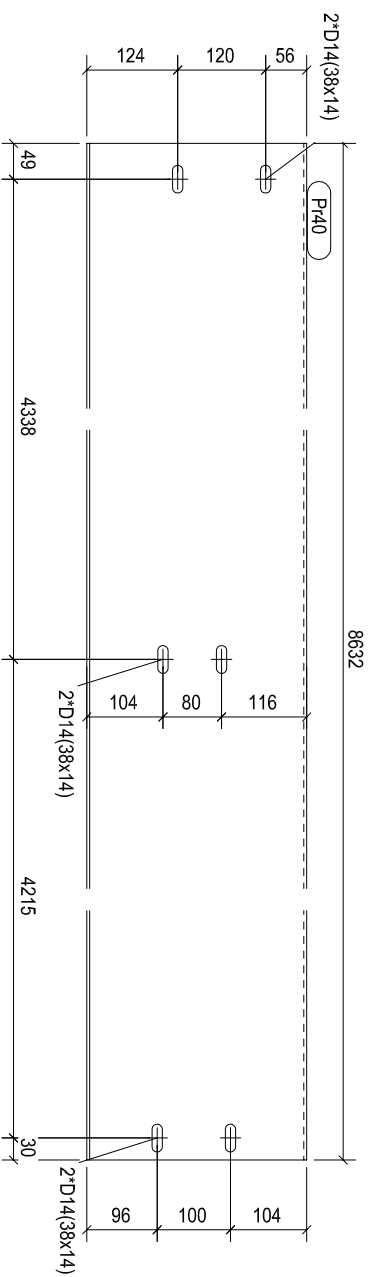
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|----------------------|------------|----------|--------------|----------|----------|
| Pr41 | Z300*113*4 | 4 | 8632 | 7.13 | 110.9 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 28.53 | 443.4 |

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|----------------|--|------------|--|-----------|------------|
| TITULO DIBUJO: | | CORRETTGES | | | |
| DIBUJO No. | | W [Pr.41] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:10 | | REVISION: | 14.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



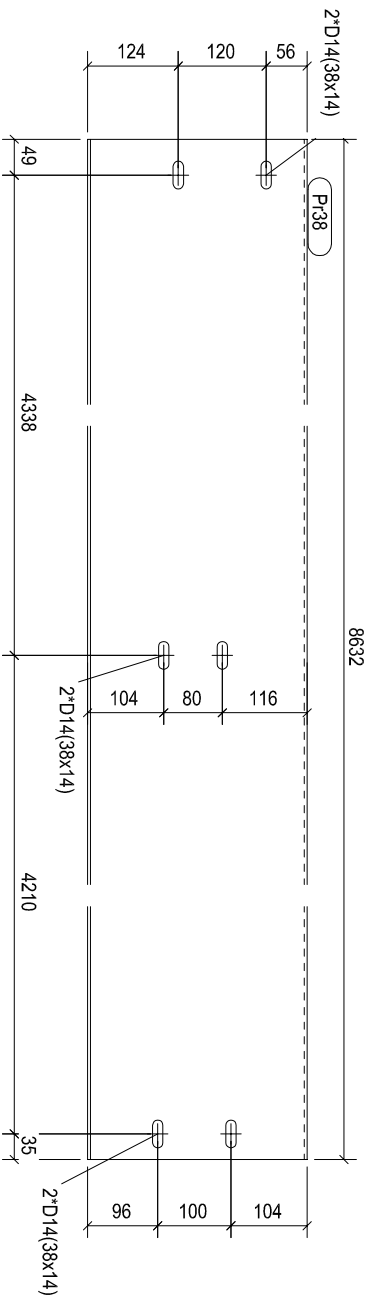
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|----------------------|------------|----------|--------------|----------|----------|
| Pr39 | Z300*113*4 | 8 | 8712 | 7.20 | 111.9 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 57.60 | 895.1 |

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|----------------|--|------------|--|-----------|------------|
| TITULO DIBUJO: | | CORRETTGES | | | |
| DIBUJO No. | | W [Pr.39] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:10 | | REVISION: | 14.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



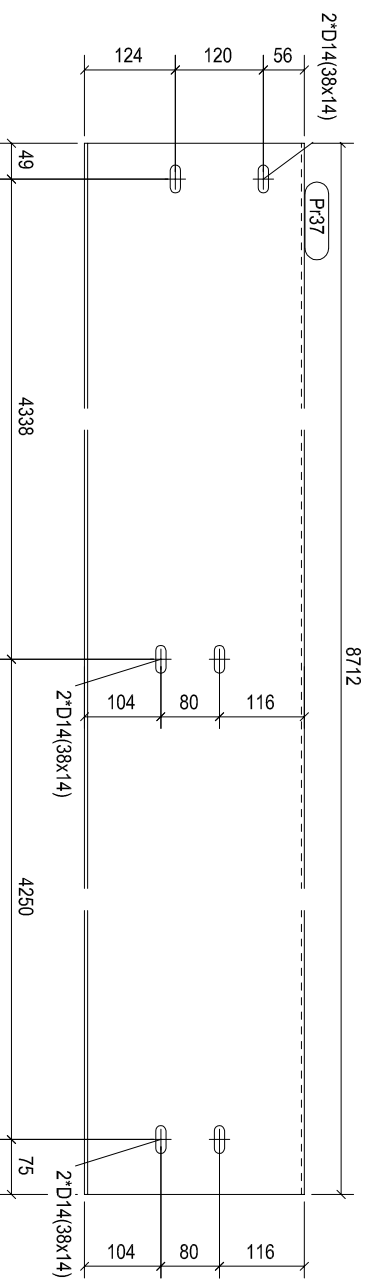
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|----------------------|-----------|----------|--------------|----------|----------|
| Pr40 | Z300*13*4 | 4 | 8632 | 7.13 | 110.9 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 28.53 | 443.4 |

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| TITULO DIBUJO: | | CORRETGES | |
| DIBUJO No. | W [Pr.40] | FECHA: | 11.01.2013 |
| ESCALA: | 1:10 | REVISION: | 14.01.2013 |
| DIBUJADO POR: | | ACERO: | |



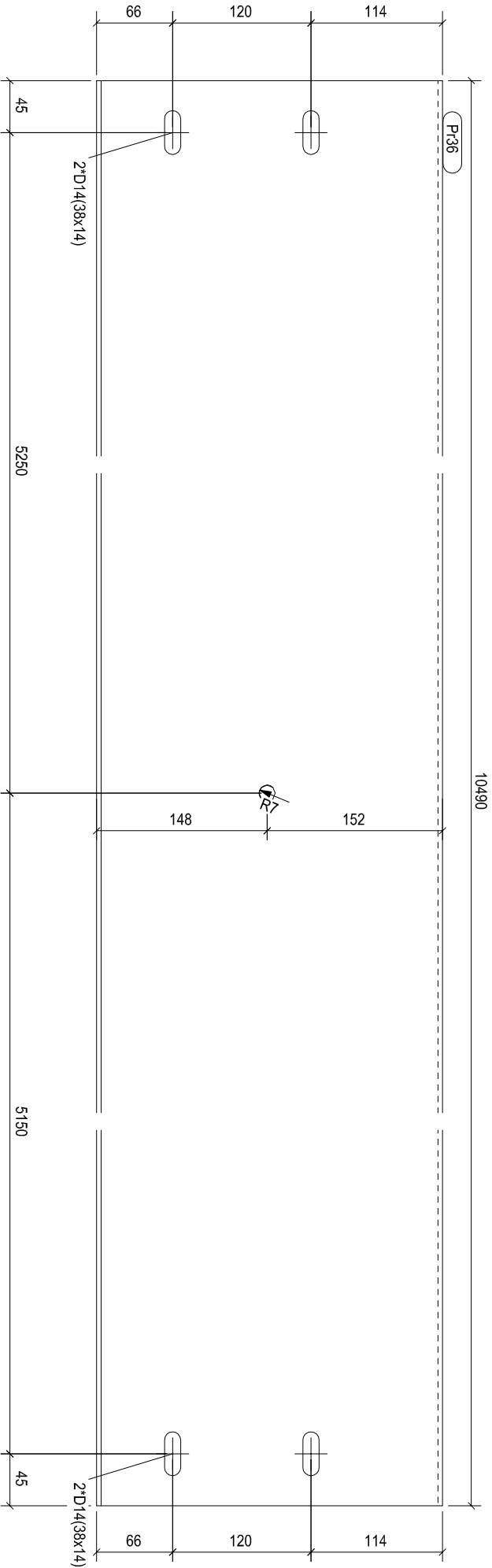
| | | | | | |
|----------------------|------------|----------|--------------|----------|----------|
| Pr.38 | Z300*113*4 | 4 | 8632 | 7.13 | 110.9 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 28.53 | 443.4 |

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|----------------|--|------------|--|-----------|------------|
| TITULO DIBUJO: | | CORRETTGES | | | |
| DIBUJO No. | | W [Pr.38] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:10 | | REVISION: | 14.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



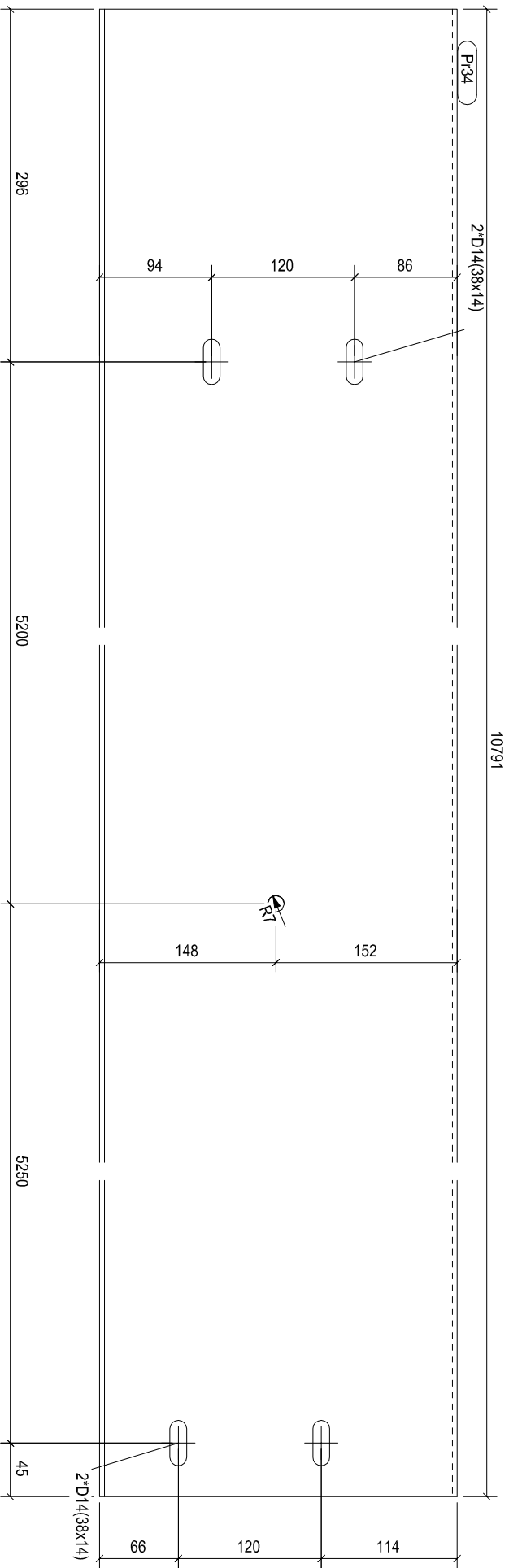
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|----------------------|------------|----------|--------------|----------|----------|
| Pr.37 | Z300*113*4 | 8 | 8712 | 7.20 | 111.9 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 57.60 | 895.1 |

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|----------------|--|------------|--|-----------|------------|
| TITULO DIBUJO: | | CORRETTGES | | | |
| DIBUJO No. | | W [Pr.37] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:10 | | REVISION: | 14.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



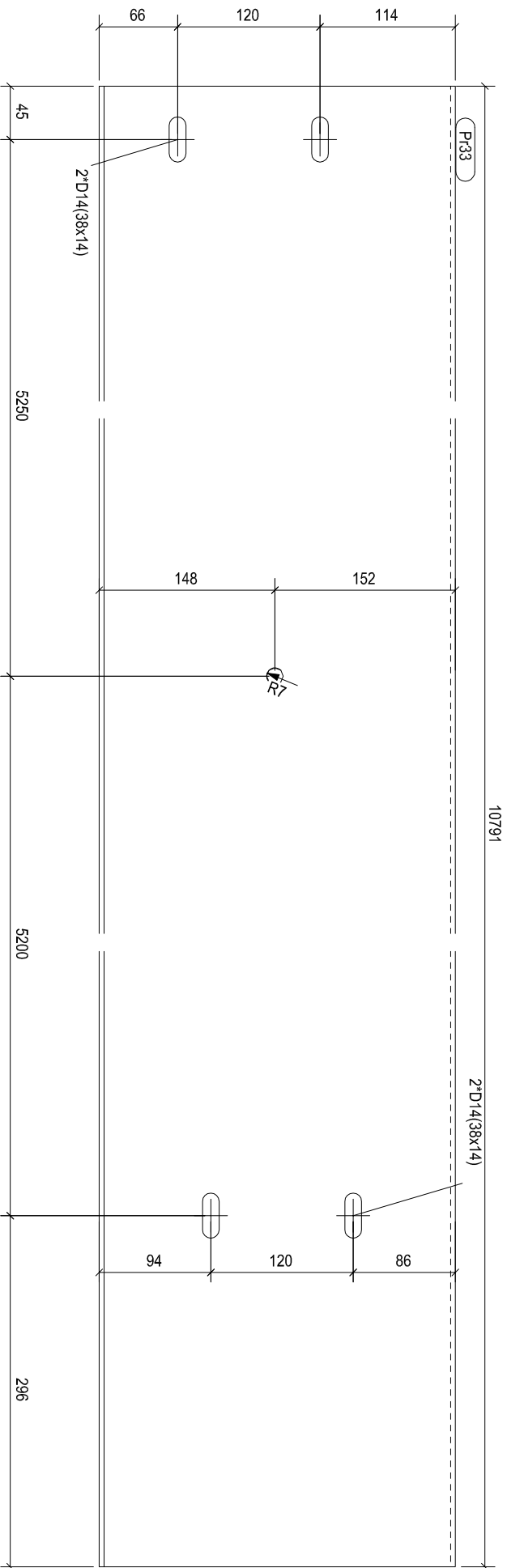
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|----------------------|------------|----------|--------------|----------|----------|
| Pr36 | Z300*113*4 | 4 | 10490 | 8.67 | 134.7 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 34.67 | 538.9 |

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|----------------|--|--|------------|-----------|------------|
| TITULO DIBUJO: | | | CORRETTGES | | |
| DIBUJO No. | | | W [Pr.36] | FECHA: | 11.01.2013 |
| ESCALA: | | | 1:5 | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



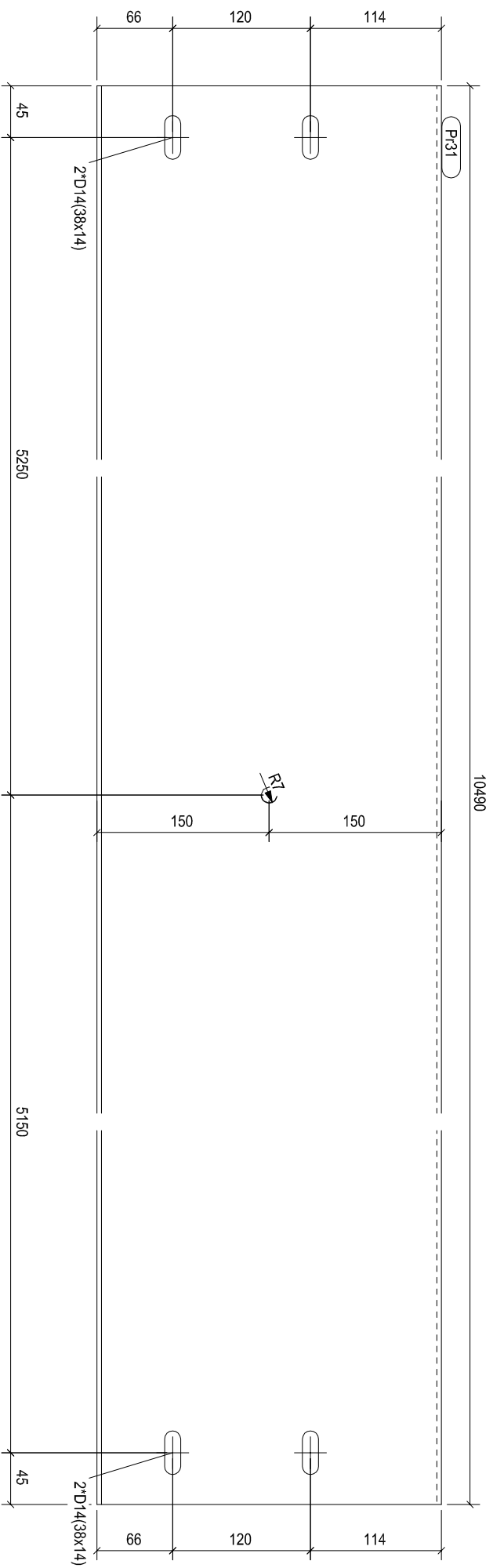
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|----------------------|------------|----------|--------------|----------|----------|
| Pr34 | Z300*113*4 | 2 | 10791 | 8.92 | 138.6 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 17.83 | 277.2 |

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|----------------|--|--|------------|--|--|
| TITULO DIBUJO: | | | CORRETTGES | | |
| DIBUJO No. | | | W [Pr.34] | | |
| ESCALA: | | | 1:5 | | |
| DIBUJADO POR: | | | ACERO: | | |



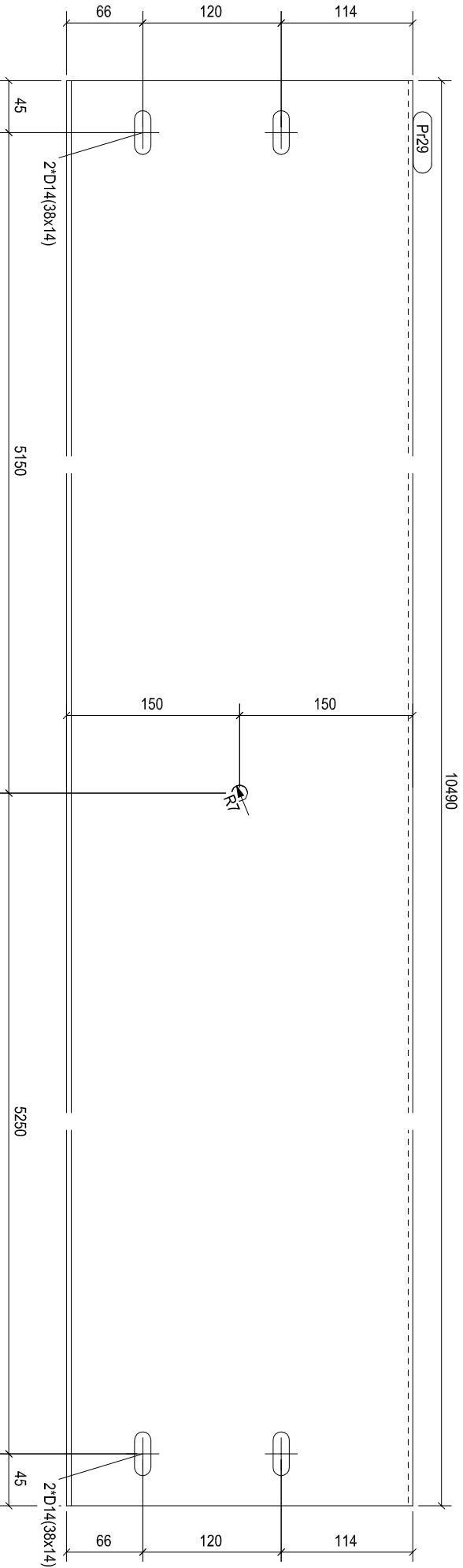
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|----------------------|------------|----------|--------------|----------|----------|
| Pr33 | Z300*113*4 | 2 | 10791 | 8.92 | 138.6 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 17.83 | 277.2 |

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|----------------|--|------------|--|-----------|------------|
| TITULO DIBUJO: | | CORRETTGES | | | |
| DIBUJO No. | | W [Pr.33] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



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|----------------------|-----------|----------|--------------|----------|----------|
| P.r.31 | Z300*13*4 | 8 | 10490 | 8.67 | 134.7 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 69.34 | 1077.7 |

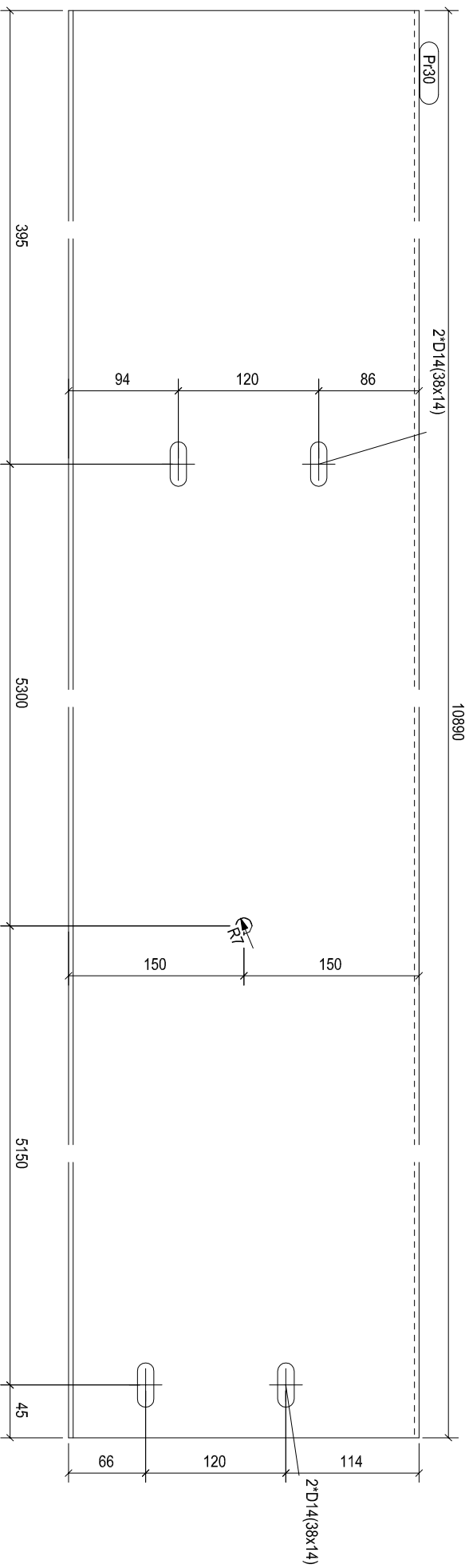
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| TITULO DIBUJO: | | CORRETTGES | |
| DIBUJO No. | W [Pr.31] | FECHA: | 11.01.2013 |
| ESCALA: | 1:5 | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | ACERO: | |



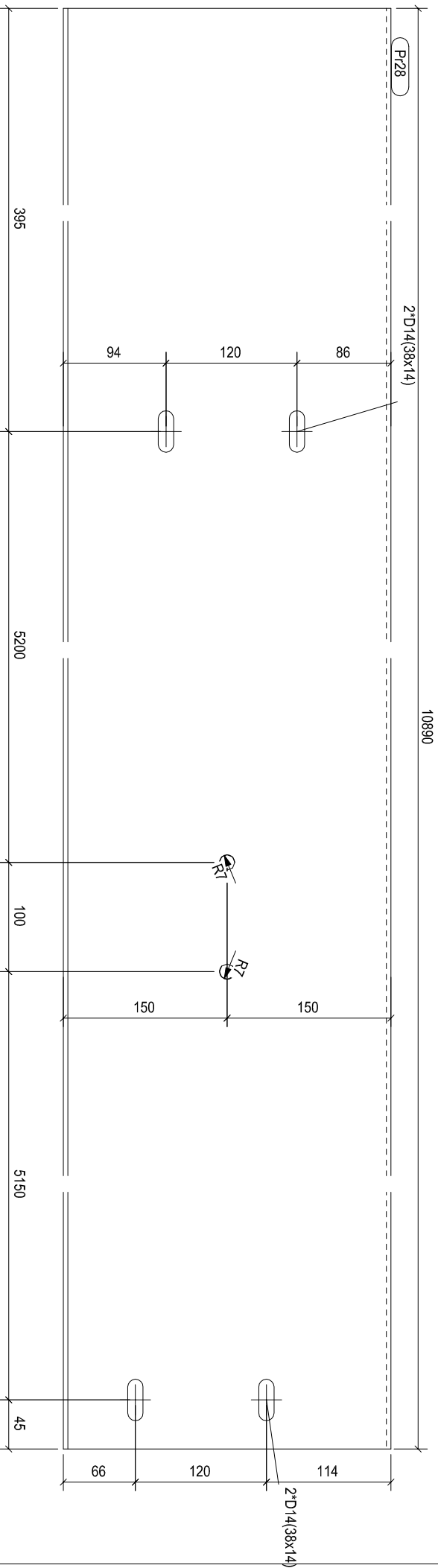
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|----------------------|------------|----------|--------------|----------|----------|
| P129 | Z300*113*4 | 8 | 10490 | 8.67 | 134.7 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 69.34 | 1077.7 |

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| TITULO DIBUJO: | | | CORRETTGES | | |
| DIBUJO No. | | | W [Pr.29] | | |
| ESCALA: | | | 1:5 | | |
| DIBUJADO POR: | | | ACERO: | | |

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| FECHA: | | | 11.01.2013 | | |
| REVISION: | | | 12.01.2013 | | |

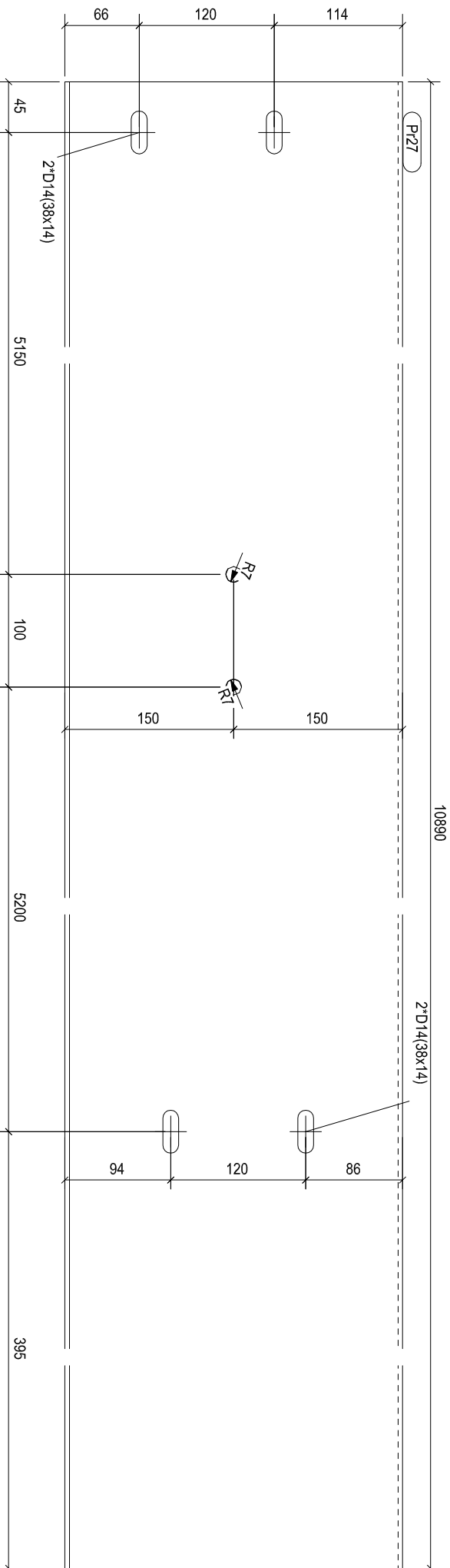


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|----------------------|------------|------------|--------------|----------|----------|
| Pr-30 | Z300*113*4 | 4 | 10890 | 9.00 | 139.9 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 35.99 | 559.4 |
| | | | | | |
| TITULO DIBUJO: | | CORRETTGES | | | |
| DIBUJO No. | | W [Pr.30] | FECHA: | | |
| ESCALA: | | 1:5 | REVISION: | | |
| DIBUJADO POR: | | | ACERO: | | |



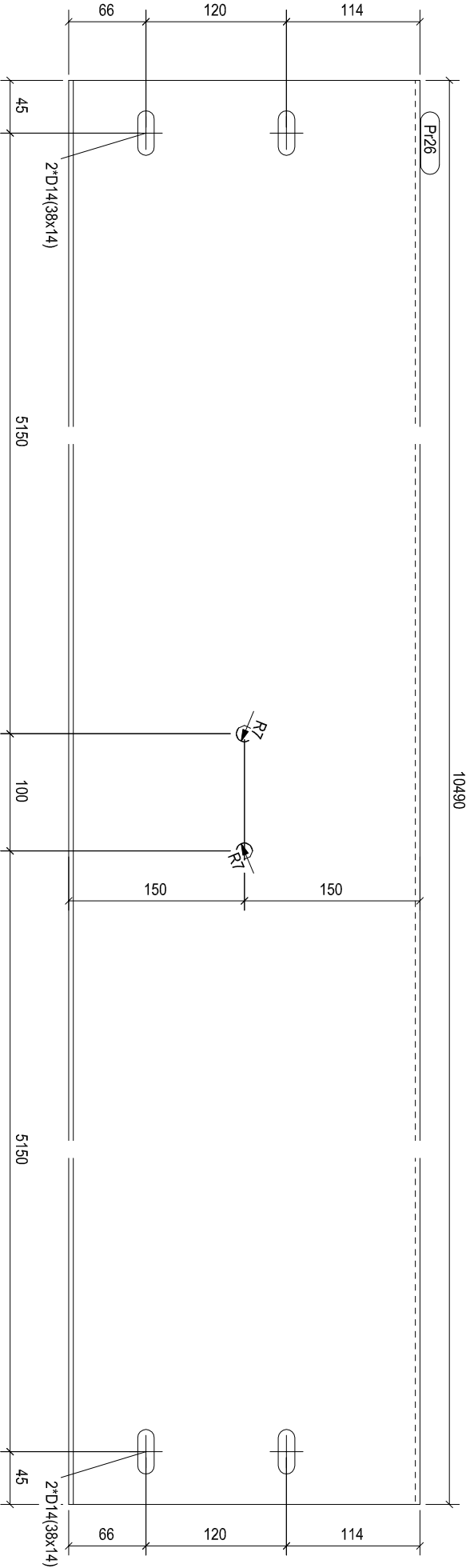
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|----------------------|------------|----------|--------------|----------|----------|
| Pr28 | Z300*113*4 | 12 | 10890 | 9.00 | 139.8 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 107.98 | 1678.2 |

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| TITULO DIBUJO: | | CORRETTGES | | | |
| DIBUJO No. | | W [Pr.28] | | FECHA: | |
| ESCALA: | | 1:5 | | REVISION: | |
| DIBUJADO POR: | | | | ACERO: | |



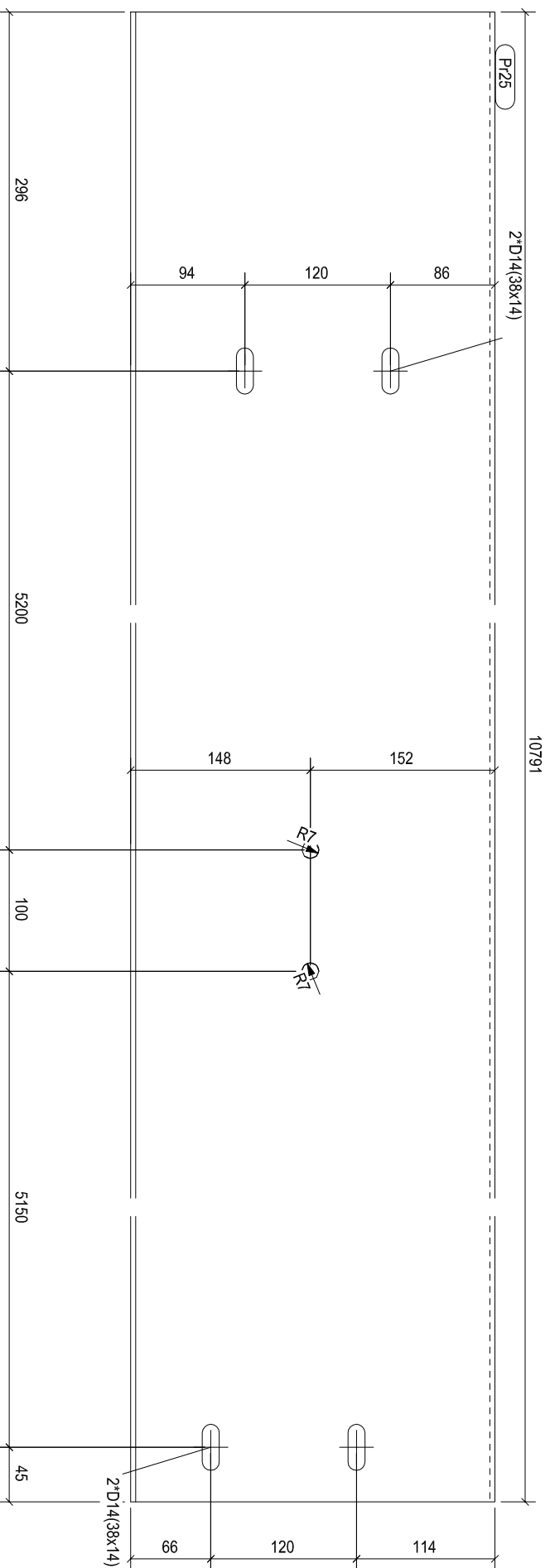
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|----------------------|------------|----------|--------------|----------|----------|
| Pr27 | Z300*113*4 | 12 | 10890 | 9.00 | 139.8 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 107.98 | 1678.2 |

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|----------------|--|------------|--|-----------|------------|
| TITULO DIBUJO: | | CORRETTGES | | | |
| DIBUJO No. | | W [Pr.27] | | FECHA: | 11.01.2013 |
| ESCALA: | | 1:5 | | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | | | ACERO: | |



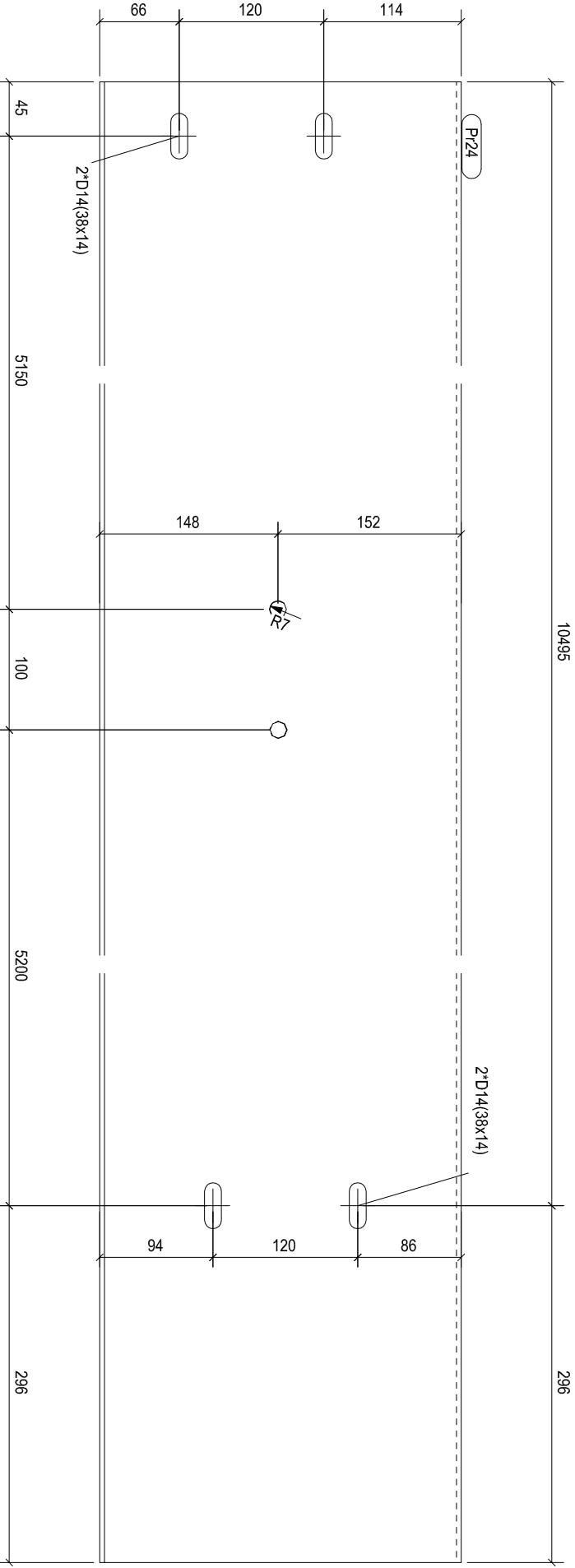
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|----------------------|------------|----------|--------------|----------|----------|
| PR26 | Z300*113*4 | 48 | 10490 | 8.67 | 134.7 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 416.05 | 6466.1 |

| | | | | | |
|----------------|--|-----------|------------|--|------------|
| TITULO DIBUJO: | | | CORRETTGES | | |
| DIBUJO No. | | W [Pr.26] | FECHA: | | 11.01.2013 |
| ESCALA: | | 1:5 | REVISION: | | 12.01.2013 |
| DIBUJADO POR: | | | ACERO: | | |



| | | | | | |
|----------------------|-----------|----------|--------------|----------|----------|
| Pr25 | Z300*13*4 | 16 | 10791 | 8.92 | 138.6 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | REF: 1 | TOTAL | | 142.66 | 2217.2 |

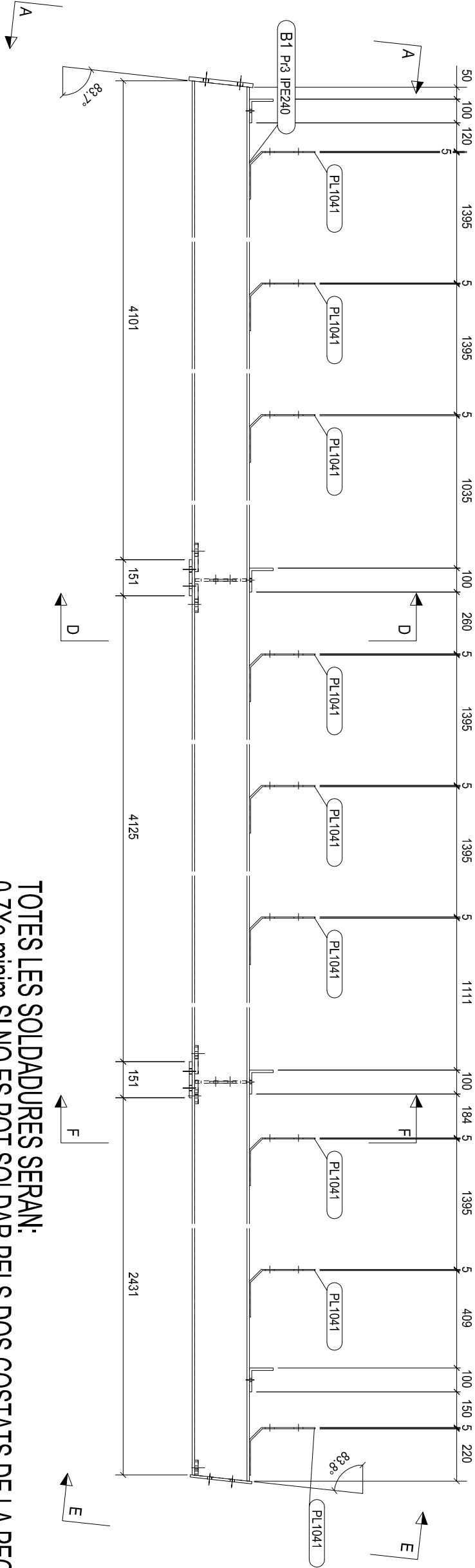
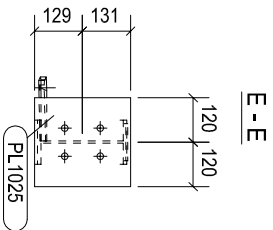
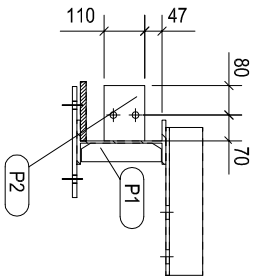
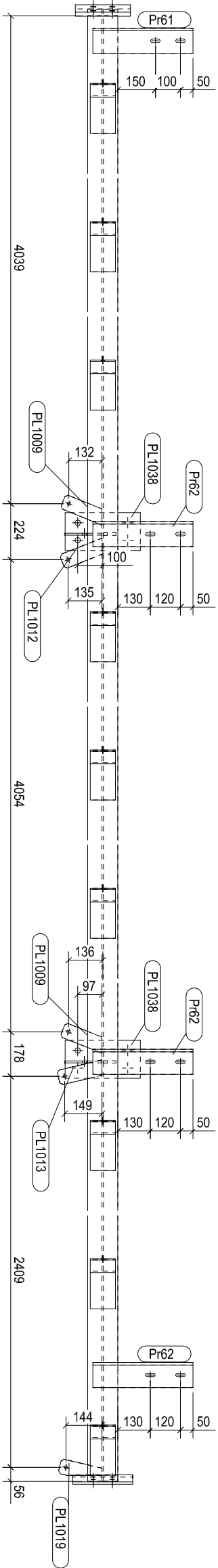
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|----------------|-----------|------------|------------|
| TITULO DIBUJO: | | CORRETTGES | |
| DIBUJO No. | W [Pr.25] | FECHA: | 11.01.2013 |
| ESCALA: | 1:5 | REVISION: | 12.01.2013 |
| DIBUJADO POR: | | ACERO: | |



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|----------------------|------------|----------|--------------|----------|----------|
| Pr.24 | Z300*113*4 | 16 | 10791 | 8.92 | 138.6 |
| MARCA | PERFIL | Unidades | LONGITUD(mm) | AREA(m²) | PESO(Kg) |
| Proyecto Final de Ca | | REF: 1 | TOTAL | 142.66 | 2217.2 |

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|----------------|--|--|------------|--|--|
| TITULO DIBUJO: | | | CORRETTGES | | |
| DIBUJO No. | | | W [Pr.24] | | |
| ESCALA: | | | 1:5 | | |
| DIBUJADO POR: | | | ACERO: | | |
| | | | FECHA: | | |
| | | | REVISION: | | |
| | | | 12.01.2013 | | |

P.3. PLÀNOLS DE TALLER



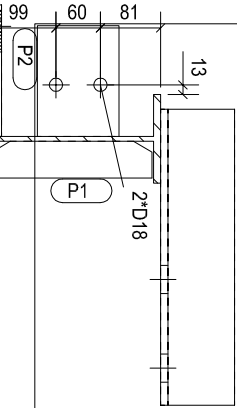
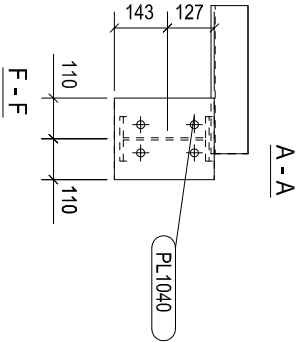
TOTES LES SOLDADURES SERAN:
0.7Xε minim SI NO ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA
0.5Xε minim SI ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA

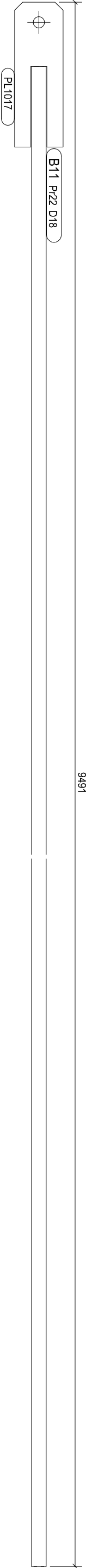
| MARCA | PERFIL | UNIDADES | LONGITUD | PESO | | | |
|--------|-----------|----------|----------|-------|---------------|------------|-------------------------|
| P1 | PL10*50 | 2 | 216 | 0.8 | | | |
| P2 | PL8*110 | 2 | 150 | 1.0 | | | |
| PL1009 | PL15*60 | 2 | 180 | 1.2 | | | |
| PL1012 | PL15*60 | 1 | 182 | 1.2 | | | |
| PL1013 | PL15*60 | 1 | 185 | 1.2 | | | |
| PL1019 | PL15*60 | 1 | 173 | 0.9 | | | |
| PL1025 | PL10*240 | 1 | 260 | 4.9 | | | |
| PL1038 | PL12*151 | 2 | 300 | 4.3 | | | |
| PL1040 | PL16*220 | 1 | 270 | 7.5 | | | |
| PL1041 | PL100*200 | 9 | 276 | 1.8 | | | |
| Pr3 | IPE240 | 1 | 10985 | 337.2 | | | |
| Pr61 | L100*10 | 1 | 400 | 6.0 | | | |
| Pr62 | L100*10 | 3 | 400 | 6.0 | | | |
| Total | | | | 408.4 | | | |
| | | | | | TITULO DIBUJO | PÒRTIC | |
| | | | | | PLANO NO. | B1 | ESCALA 1:10 |
| | | | | | FECHA | 14.01.2013 | REVISION No. 14.01.2013 |
| | | | | | DIBUJADO POR | | ACABADO |

1 UNIDADES MARCA: B1

OBRA : Projecte Final de Ca

REF.: 1





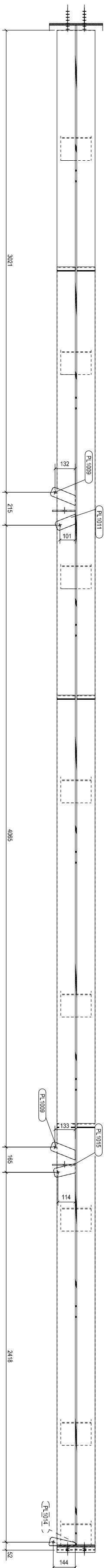
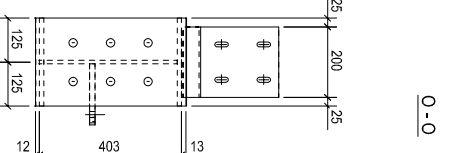
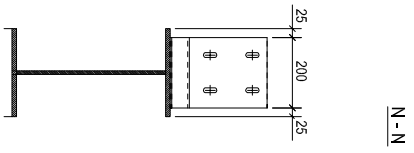
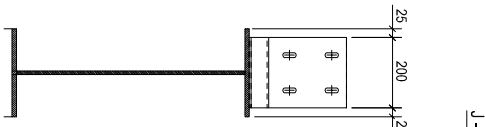
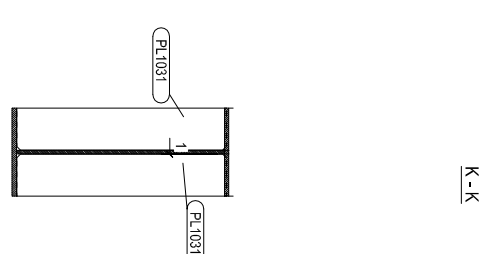
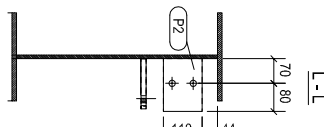
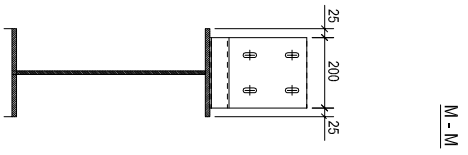
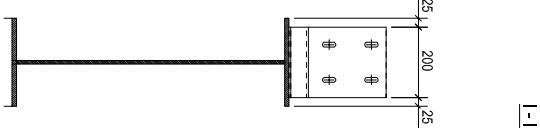
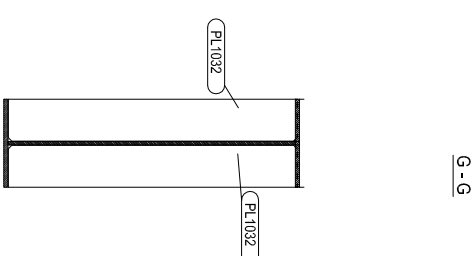
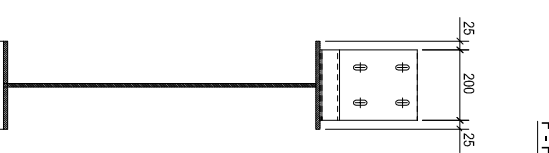
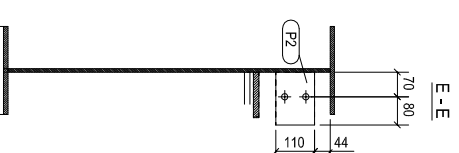
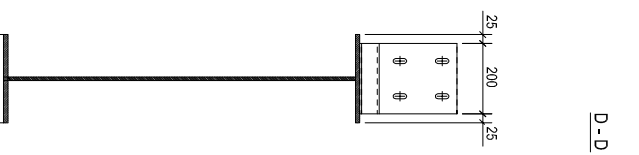
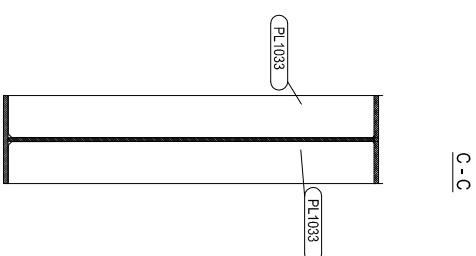
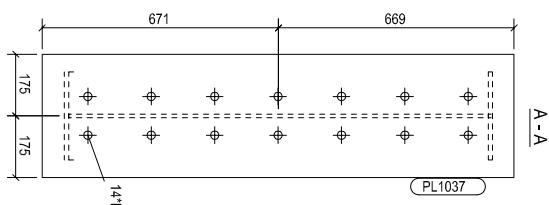
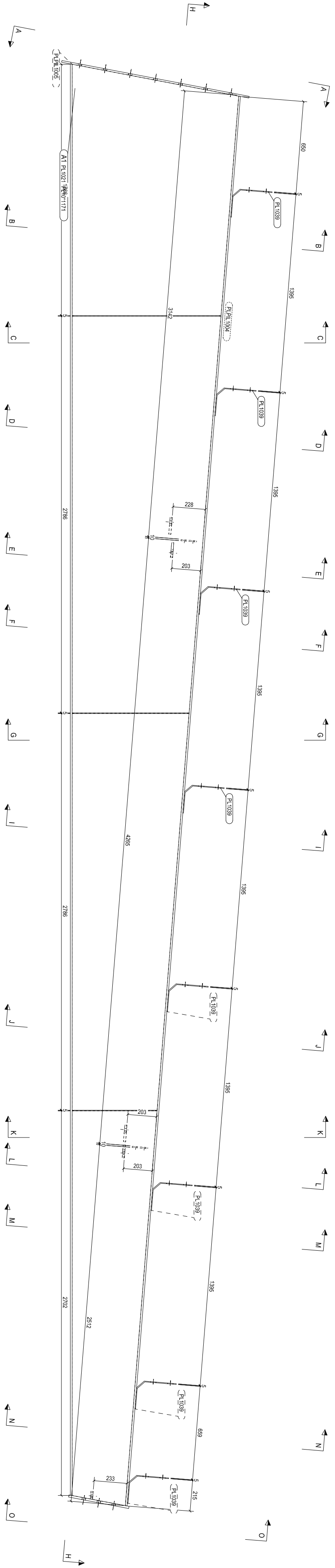
TOTES LES SOLDADURES SERAN:
0.7Xè minim SI NO ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA
0.5Xè minim SI ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA

4 UNIDADES MARCA: B11

OBRA : Projecte Final de Ca

REF. : 1

| TITULO DIBUJO | | | | TIRANT | | | |
|---------------|---------|----------|----------|--------|--------------|--------------|------------|
| MARCA | PERFIL | UNIDADES | LONGITUD | PESO | PLANO No. | ESCALA | 1:5 |
| PL1017 | PL15*60 | 1 | 180 | 1.0 | B11 | | |
| Pr22 | D18 | 1 | 9411 | 16.9 | 12.01.2013 | REVISION No. | 14.01.2013 |
| Total | | | | 17.9 | DIBUJADO POR | ACABADO | |



TOTES LES SOLDADURES SERAN:
0,7X6 mm MIN SIND ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA
0,5X6 mm MIN SI ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA

| MARCA | PERFIL | UNIDADES | LONGITUD | PESO |
|------------|-------------|----------|----------|--------|
| P2 | PL-1110 | 2 | 150 | 1,0 |
| PL-1002 | PL-15-250 | 1 | 430 | 12,7 |
| PL-1008 | PL-15-250 | 2 | 150 | 12,7 |
| PL-1014 | PL-15-250 | 1 | 170 | 0,8 |
| PL-1015 | PL-15-250 | 1 | 149 | 1,0 |
| PL-1021 | PL-10-171 | 1 | 10-28 | 603,8 |
| PL-1031 | PL-15-119 | 2 | 596 | 2,8 |
| PL-1032 | PL-15-119 | 2 | 850 | 3,8 |
| PL-1037 | PL-15-250 | 2 | 1346 | 44,2 |
| PL-1039 | PL-2007-200 | 8 | 276 | 3,7 |
| PL-PL-1004 | PL-12-250 | 1 | 9636 | 234,0 |
| PL-PL-1005 | PL-12-250 | 1 | 10557 | 258,8 |
| TOTAL | | | | 1197,1 |

1

UNIDADES

MARCA:

A1

OBRA :

Proyecto Final de Ca

REF. :

1

TITULO DIBUJO

PLANO NO.

12.01.2013

ESCALA

1:15

FECHA

12.01.2013

REVISION NO.

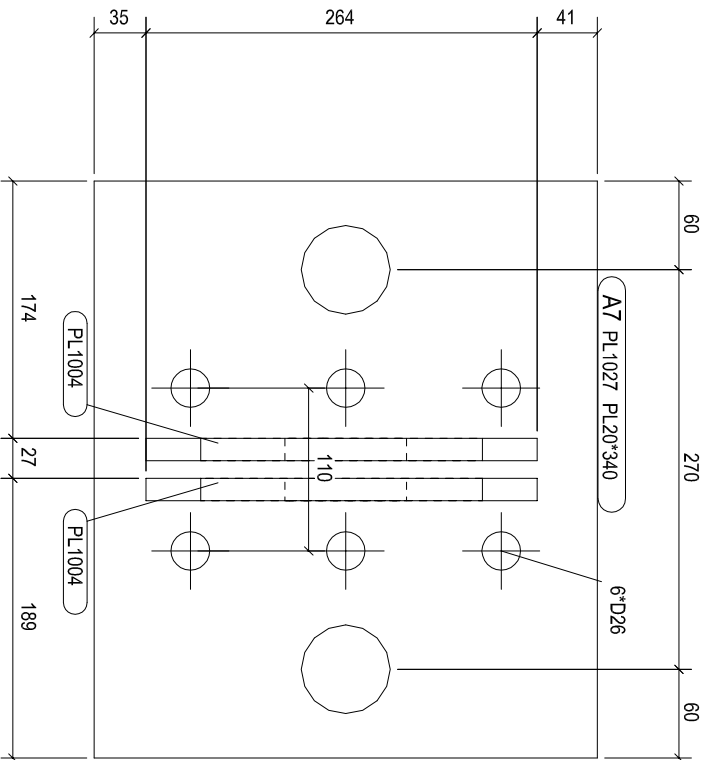
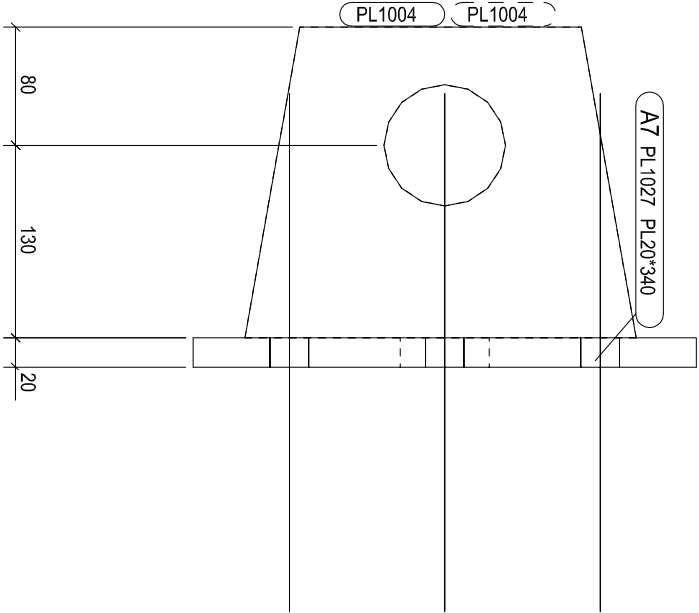
14.01.2013

DIBUJADO POR

ACORDADO



A



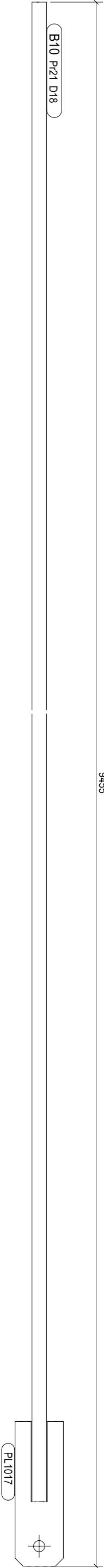
TOTES LES SOLDADURES SERAN:
0.7Xε minim SI NO ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA
0.5Xε minim SI ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA

10 UNIDADES MARCA: A7

OBRA : Projecte Final de Ca

REF. : 1

| | | | | TITULO DIBUJO | | BASE PILARS | |
|--------|----------|----------|----------|---------------|--------------|-------------|-------------------------|
| MARCA | PERFIL | UNIDADES | LONGITUD | PESO | PLANO No. | A7 | ESCALA 1:5 |
| PL1004 | PL15*210 | 2 | 264 | 5.0 | FECHA | 12.01.2013 | REVISION No. 15.01.2013 |
| PL1027 | PL20*340 | 1 | 390 | 20.0 | DIBUJADO POR | | ACABADO |
| | | | | Total | 30.0 | | |



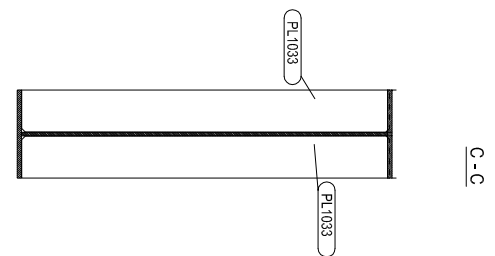
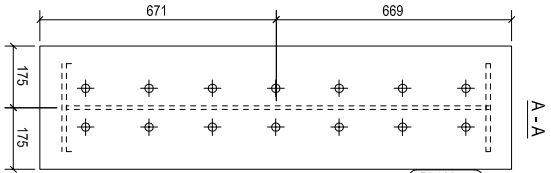
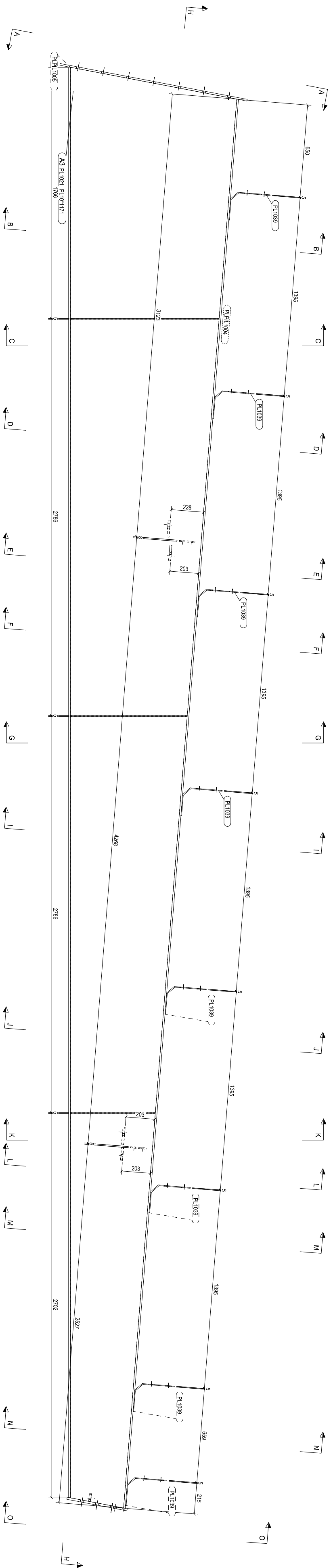
TOTES LES SOLDADURES SERAN:
0.7Xè minim SI NO ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA
0.5Xè minim SI ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA

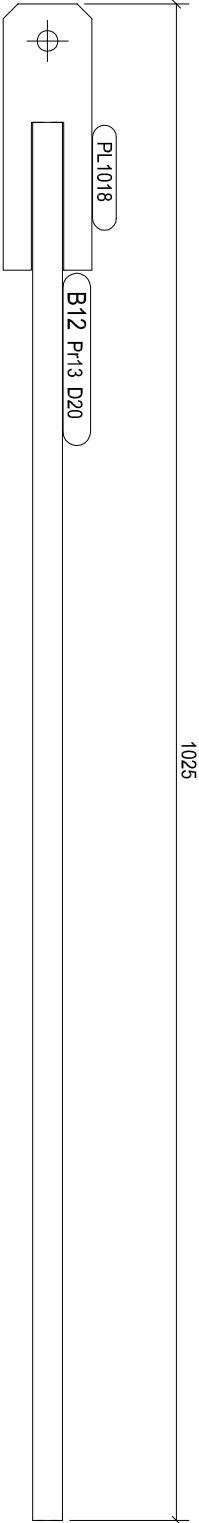
4 UNIDADES MARCA: B10

OBRA : Projecte Final de Ca

REF. : 1

| TITULO DIBUJO | | | | | TIRANT | | | |
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| MARCA | PERFIL | UNIDADES | LONGITUD | PESO | PLANO No. | B10 | ESCALA | 1:5 |
| PL1017 | PL15*60 | 1 | 180 | 1.0 | FECHA | 12.01.2013 | REVISION No. | 14.01.2013 |
| Pr21 | D18 | 1 | 9375 | 16.9 | DIBUJADO POR | | ACABADO | |
| Total | | | 17.9 | | | | | |





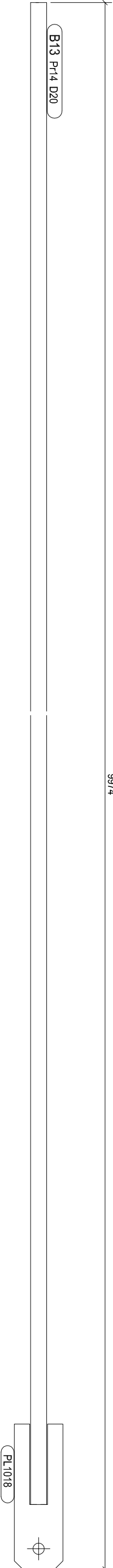
TOTES LES SOLDADURES SERAN:
0.7Xε minim SI NO ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA
0.5Xε minim SI ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA

8 UNIDADES MARCA: B12

OBRA : Projecte Final de Ca

REF. : 1

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TOTES LES SOLDADURES SERAN:
0.7Xø mínim SI NO ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA
0.5Xø mínim SI ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA

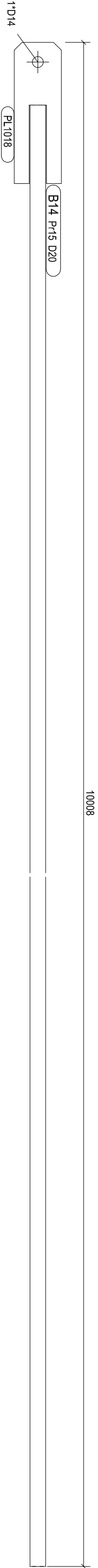
4 UNIDADES MARCA: B13

OBRA : Projecte Final de Ca

REF. : 1

| MARCA | PERFIL | UNIDADES | LONGITUD | PESO |
|--------|---------|----------|----------|------|
| PL1018 | PL15*60 | 1 | 180 | 1.0 |
| Pr14 | D20 | 1 | 9894 | 22.0 |
| Total | | | 23.0 | |

| TITULO DIBUJO | | TIRANT | |
|---------------|------------|--------------|------------|
| PLANO No. | B13 | ESCALA | 1:5 |
| FECHA | 12.01.2013 | REVISION No. | 14.01.2013 |
| DIBUJADO POR | | ACABADO | |



TOTES LES SOLDADURES SERAN:
0.7Xø minim SI NO ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA
0.5Xø minim SI ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA

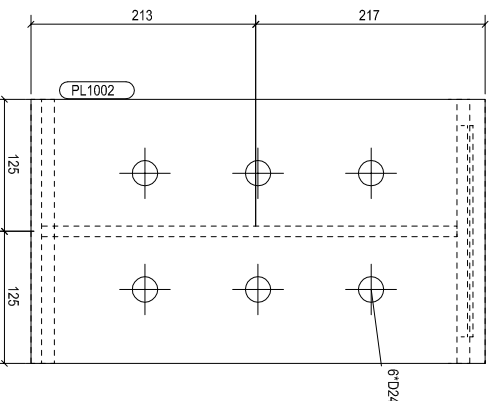
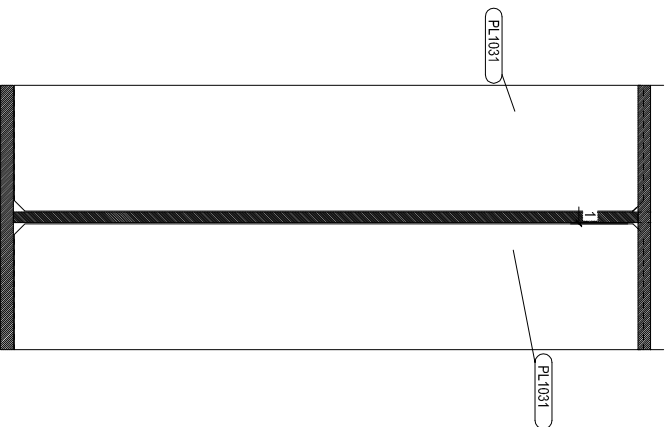
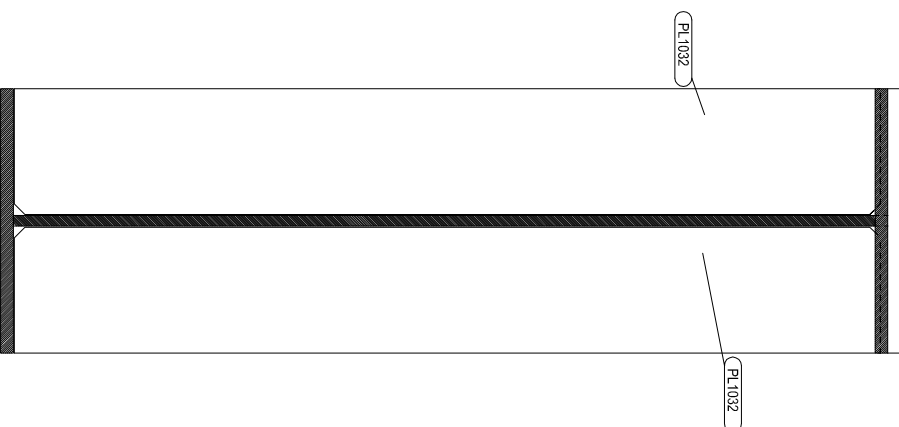
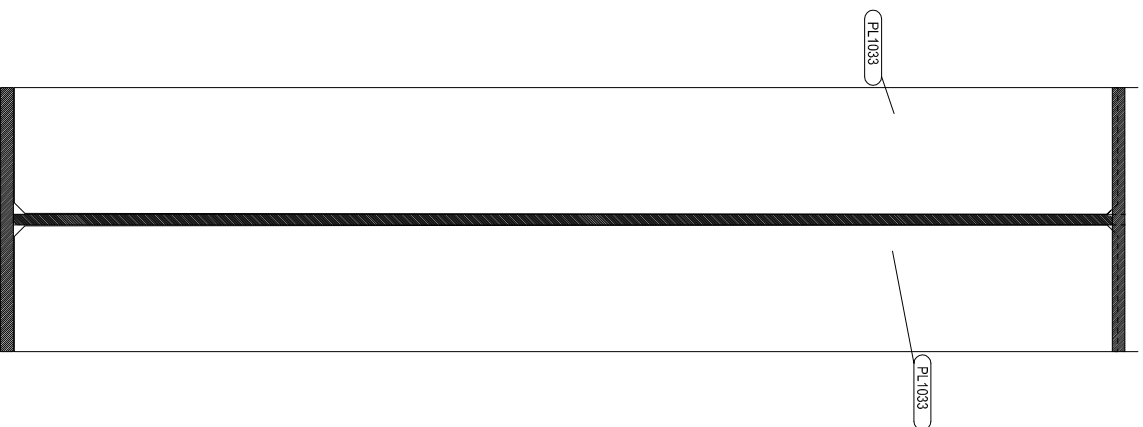
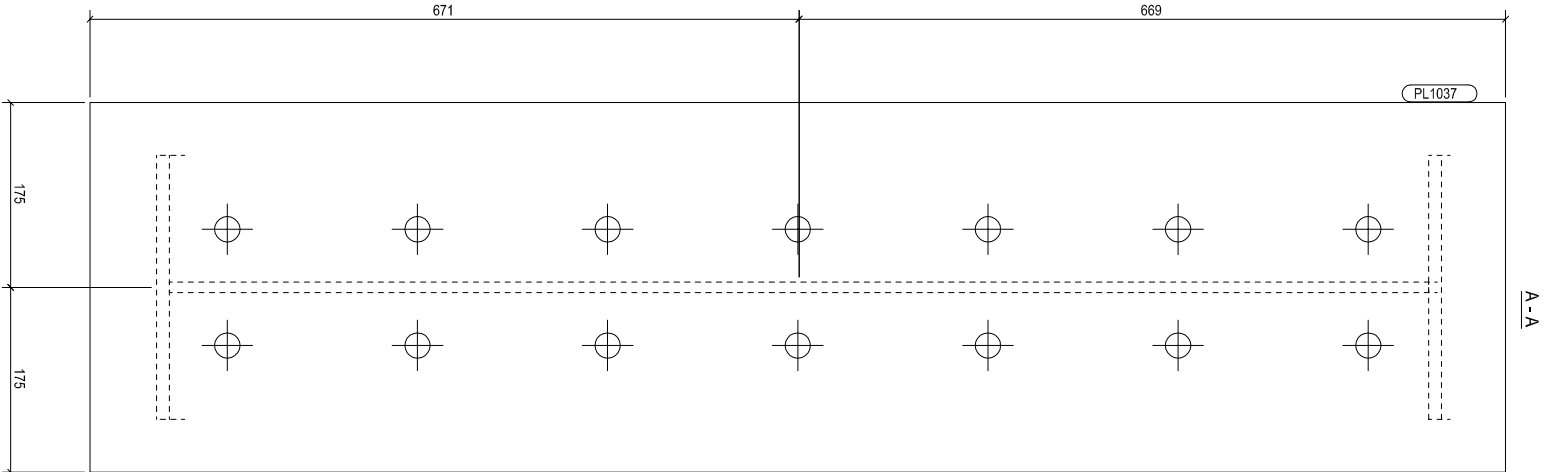
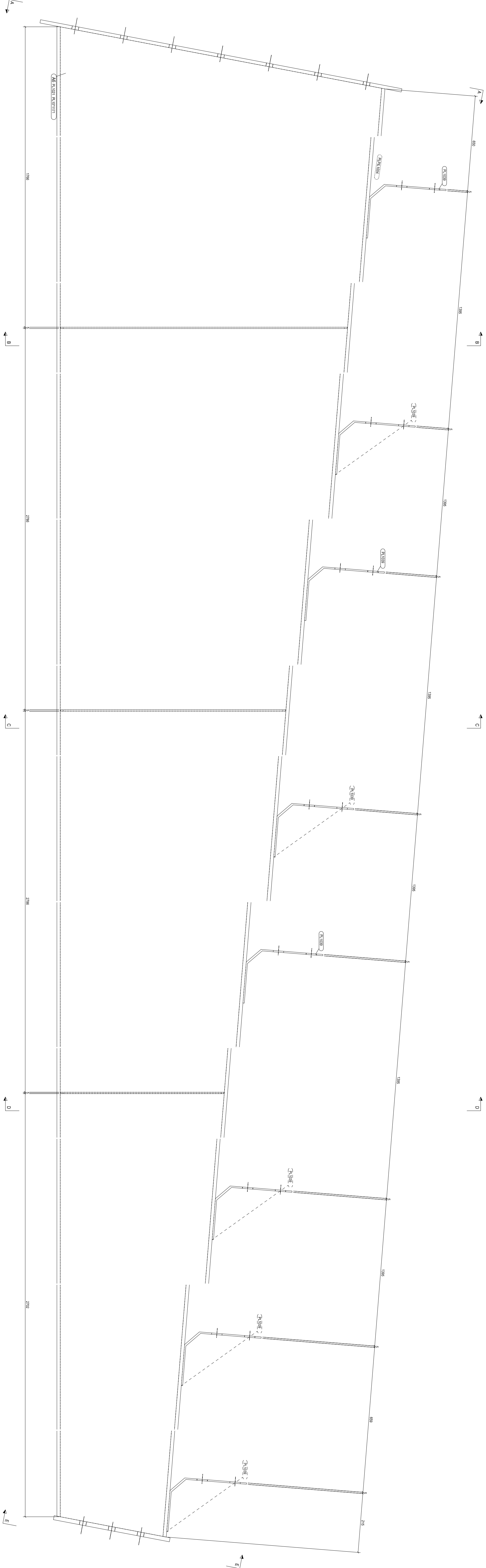
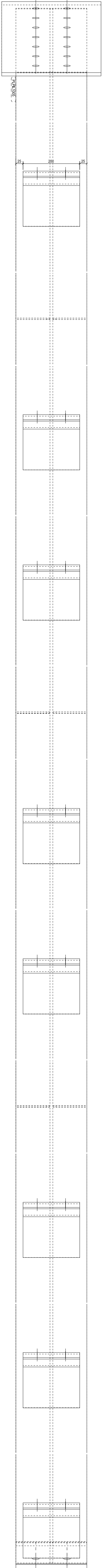
4 UNIDADES MARCA: B14

OBRA : Projecte Final de Ca

REF. : 1

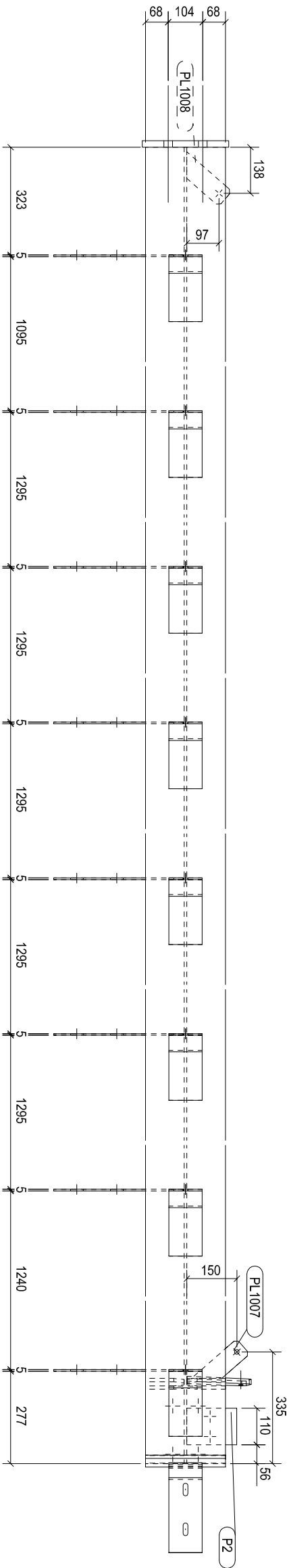
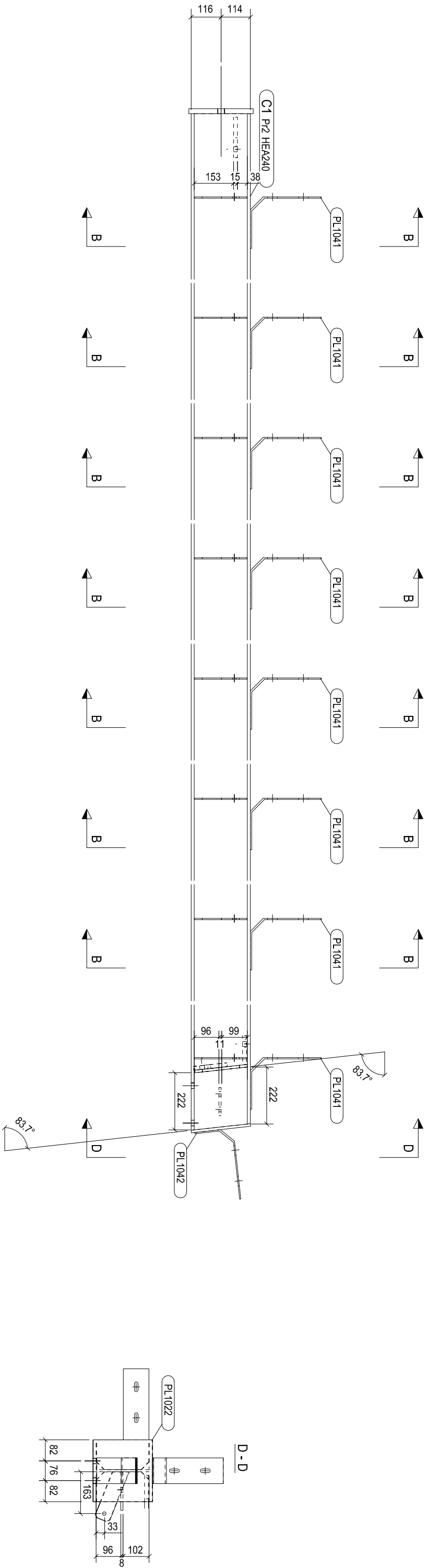
| TITULO DIBUJO | | | | TIRANT | | ESCALA | |
|---------------|--|--|--|------------|--|--------------|--|
| PLANO No. | | | | B14 | | 1:5 | |
| FECHA | | | | 12.01.2013 | | REVISION No. | |
| DIBUJADO POR | | | | | | 14.01.2013 | |
| ACABADO | | | | | | | |

| MARCA | PERFIL | UNIDADES | LONGITUD | PESO |
|--------|---------|----------|----------|------|
| PL1018 | PL15*60 | 1 | 180 | 1.0 |
| Pt15 | D20 | 1 | 9928 | 22.0 |
| Total | | | 23.0 | |



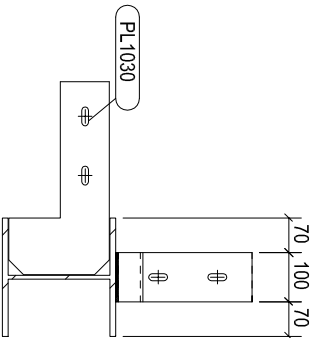
TOTES LES SOLDADURES SERAN:
0.7x6 mm MIN SI NO ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA
0.5x6 mm MIN SI ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA

| 6 UNIDADES MARCA: A6 | | | | |
|-----------------------------|-------------|----------|----------|-------|
| MARKA | REFER. | UNIDADES | LONGITUD | PESO |
| PL 4302 | PL 15-250 | 1 | 430 | 12.7 |
| PL 4321 | PL 10-171 | 1 | 10120 | 603.6 |
| PL 4331 | PL 10-119 | 2 | 596 | 2.8 |
| PL 4332 | PL 10-119 | 2 | 820 | 3.8 |
| PL 4333 | PL 10-120 | 2 | 1044 | 4.9 |
| PL 4337 | PL 12-250 | 1 | 1340 | 44.2 |
| PL 4339 | PL 2007-200 | 6 | 276 | 3.7 |
| PL 4341 1004 | PL 12-250 | 1 | 9636 | 234.0 |
| PL 4341 1005 | PL 12-250 | 1 | 10527 | 236.6 |
| | | TOTAL | 11893.9 | |
| OSRA : Proyecto Final de Ca | | | | |
| REF. : 1 | | | | |
| TITULO DIBUJO | | | | |
| PORTIC | | | | |
| ESCALA 1:5 | | | | |
| FECHA: 12.01.2013 | | | | |
| REVISION NO. 14.01.2013 | | | | |
| ACORDADO | | | | |



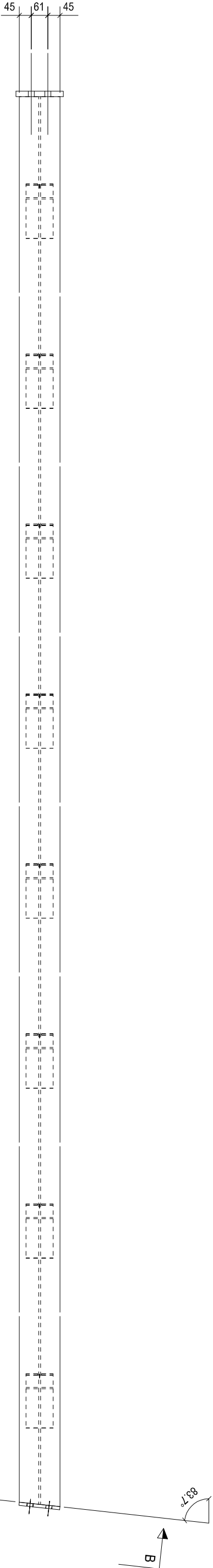
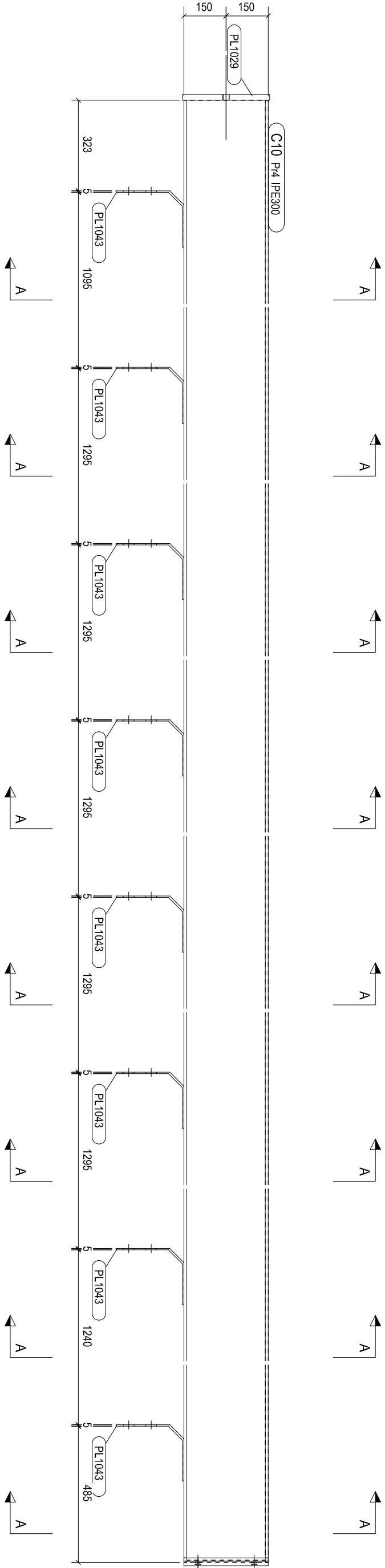
TOTES LES SOLDADURES SERAN:
0.7Xè minim SI NO ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA
0.5Xè minim SI ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA

B - B

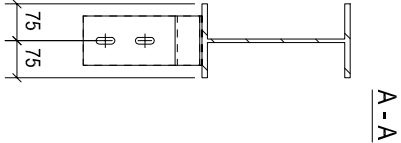
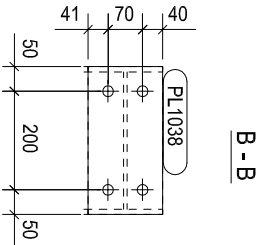


| MARCA | PERFIL | UNIDADES | LONGITUD | PESO | | | | |
|--------|-----------|----------|----------|-------|--|--|--|--|
| P2 | PL8*110 | 1 | 150 | 1.0 | | | | |
| PL1007 | PL15*60 | 1 | 180 | 1.0 | | | | |
| PL1008 | PL15*60 | 1 | 180 | 1.1 | | | | |
| PL1010 | PL15*60 | 1 | 211 | 1.4 | | | | |
| PL1022 | PL10*231 | 1 | 240 | 4.4 | | | | |
| PL1024 | PL10*115 | 2 | 205 | 1.8 | | | | |
| PL1028 | PL20*250 | 1 | 260 | 10.2 | | | | |
| PL1030 | PL5*204 | 8 | 391 | 2.0 | | | | |
| PL1041 | PL100*200 | 8 | 276 | 1.8 | | | | |
| PL1042 | PL100*150 | 1 | 276 | 1.7 | | | | |
| Pr2 | HEA240 | 1 | 9450 | 569.8 | | | | |
| | | | Total | 624.6 | | | | |

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|---------------|--|----------------------|--------------|------------|
| 1 | | UNIDADES | MARCA: | C1 |
| OBRA : | | Projecte Final de Ca | | |
| REF. : | | 1 | | |
| TITULO DIBUJO | | PILAR | | |
| PLANO No. | | C1 | ESCALA | 1:15 |
| FECHA | | 14.01.2013 | REVISION No. | 14.01.2013 |
| DIBUJADO POR | | ACABADO | | |

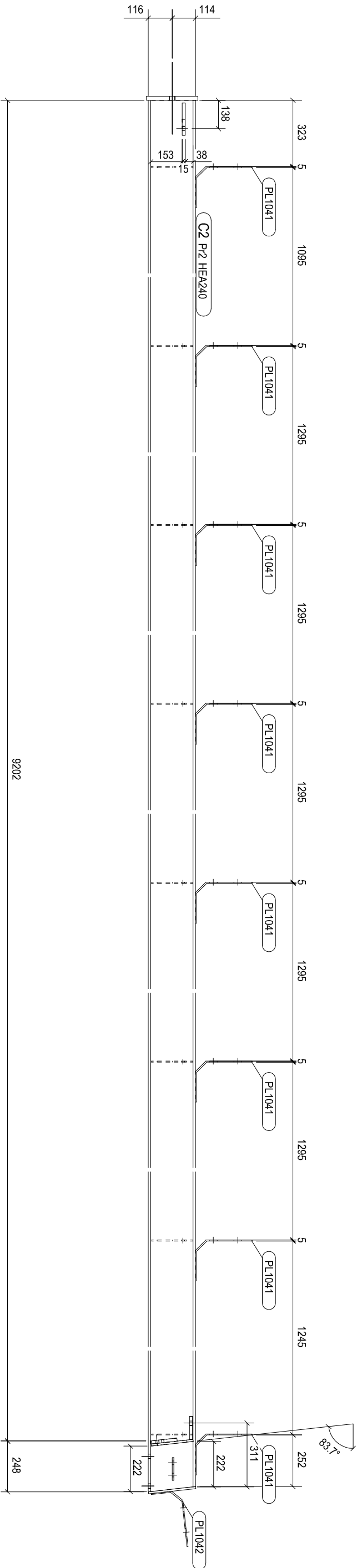
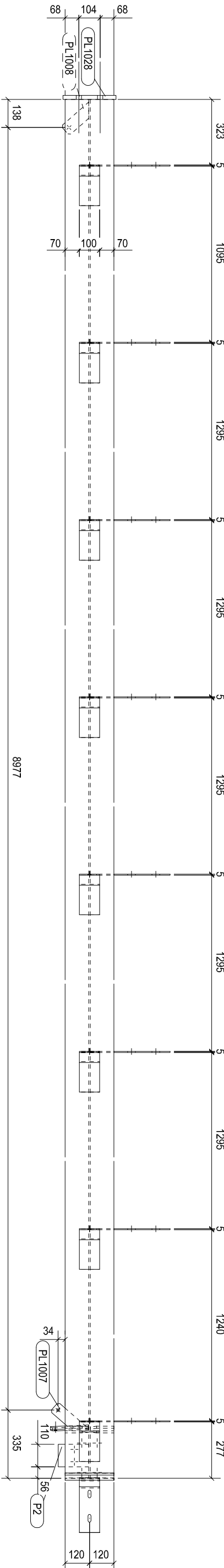


TOTES LES SOLDADURES SERAN:
0.7Xè minim SI NO ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA
0.5Xè minim SI ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA



| MARCA | PERFIL | UNIDADES | LONGITUD | PESO |
|---------|-----------|----------|----------|-------|
| PL 1029 | PL20*175 | 1 | 310 | 8.5 |
| PL 1038 | PL12*151 | 1 | 300 | 4.3 |
| PL 1043 | PL100*200 | 8 | 241 | 1.7 |
| Pr4 | IPE300 | 1 | 9658 | 407.6 |
| Total | | | 434.0 | |

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|---------------|--|----------------------|--------------|------------|
| 2 | | UNIDADES | MARCA: | C10 |
| OBRA : | | Projecte Final de Ca | | |
| REF. : | | 1 | | |
| TITULO DIBUJO | | PILAR | | |
| PLANO No. | | C10 | ESCALA | 1:15 |
| FECHA | | 14.01.2013 | REVISION No. | 14.01.2013 |
| DIBUJADO POR | | ACABADO | | |



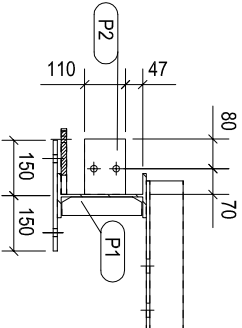
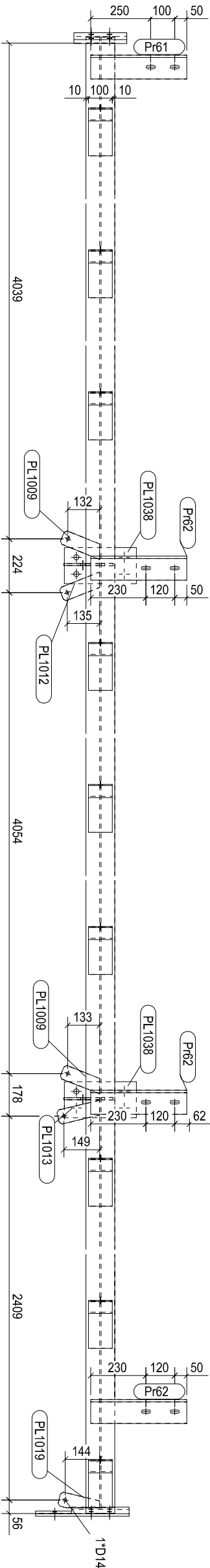
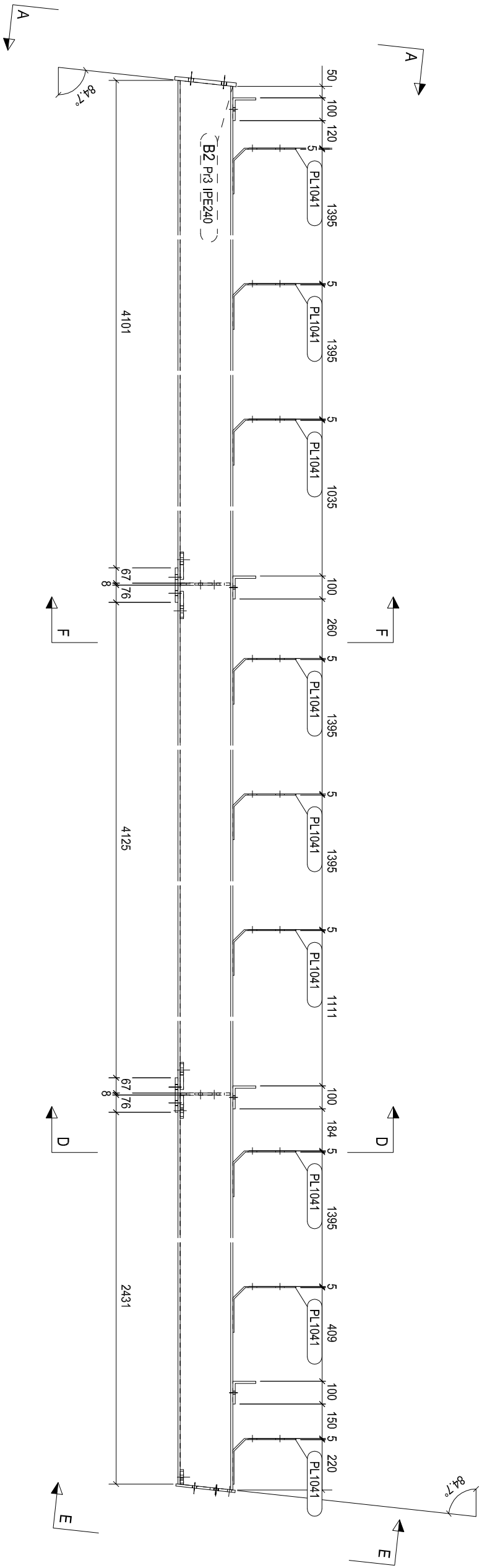
TOTES LES SOLDADURES SERAN:
0.7Xε minim SI NO ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA
0.5Xε minim SI ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA

1 UNIDADES MARCA: C2

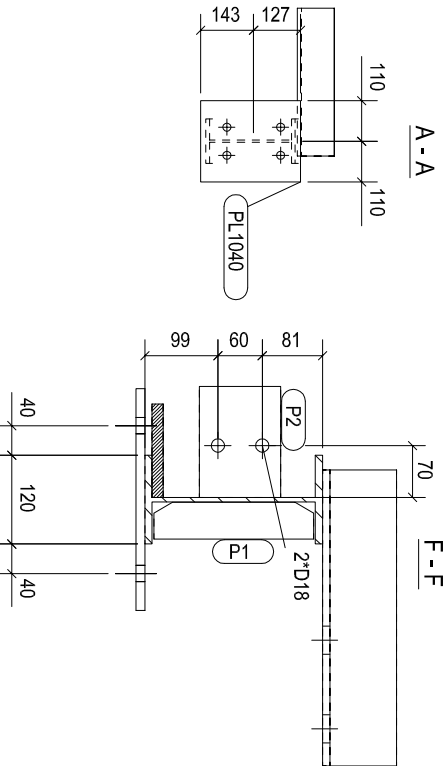
OBRA : Projecte Final de Ca

REF. : 1

| MARCA | PERFIL | UNIDADES | LONGITUD | PESO | | | | |
|--------|-----------|----------|----------|-------|-----------------------------|--|--|--|
| P2 | PL8*110 | 1 | 150 | 1.0 | | | | |
| PL1007 | PL15*60 | 1 | 180 | 1.0 | | | | |
| PL1008 | PL15*60 | 1 | 180 | 1.1 | | | | |
| PL1010 | PL15*60 | 1 | 211 | 1.4 | | | | |
| PL1022 | PL10*231 | 1 | 240 | 4.4 | | | | |
| PL1024 | PL10*115 | 2 | 205 | 1.8 | | | | |
| PL1028 | PL20*250 | 1 | 260 | 10.2 | | | | |
| PL1030 | PL5*204 | 8 | 391 | 2.0 | | | | |
| PL1041 | PL100*200 | 8 | 276 | 1.8 | | | | |
| PL1042 | PL100*150 | 1 | 276 | 1.7 | | | | |
| P2 | HEA240 | 1 | 9450 | 569.8 | | | | |
| | | | Total | 624.6 | | | | |
| | | | | | 1 UNIDADES MARCA: C2 | | | |
| | | | | | OBRA : Projecte Final de Ca | | | |
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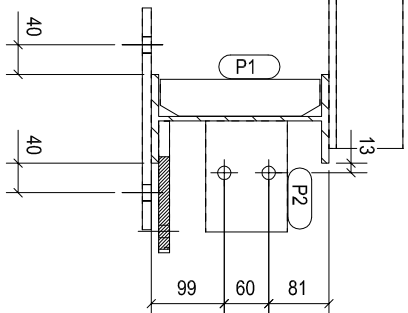
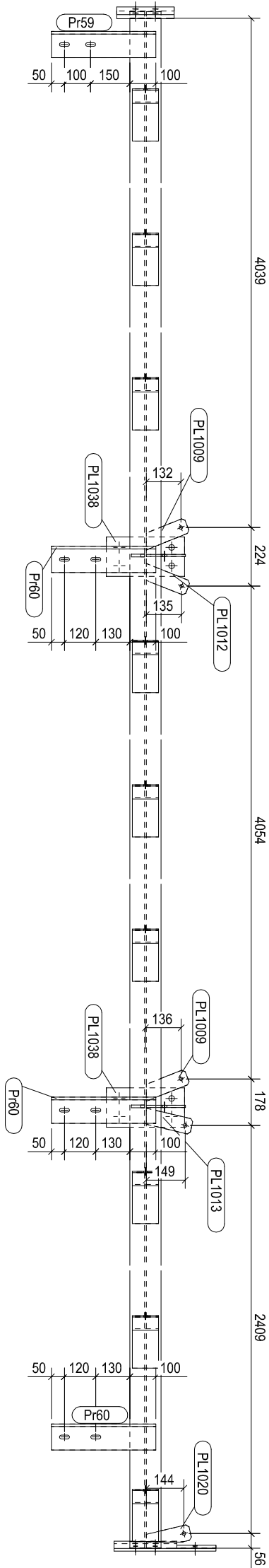
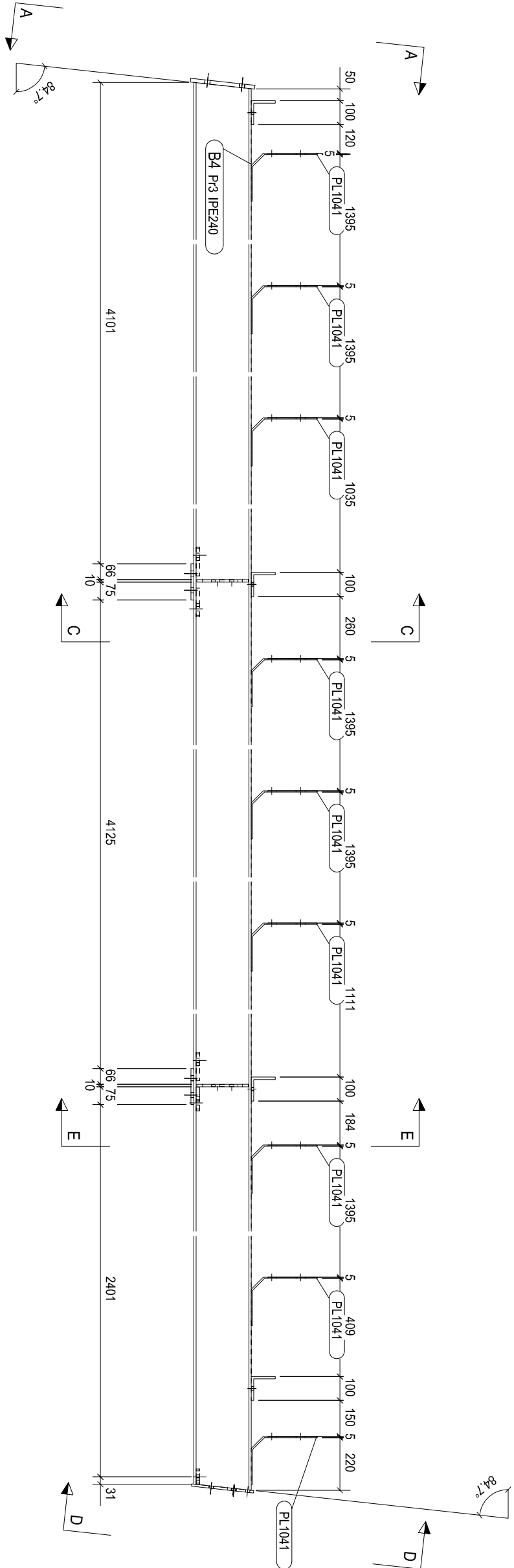


TOTES LES SOLDADURES SERAN:
0.7Xè minim SI NO ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA
0.5Xè minim SI ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA



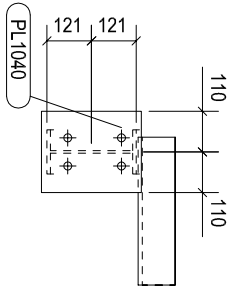
| MARCA | PERFIL | UNIDADES | LONGITUD | PESO | | | |
|---------|------------|----------|----------|-------|--|--|--|
| P1 | PL 10*50 | 2 | 216 | 0.8 | | | |
| P2 | PL 8*110 | 2 | 150 | 1.0 | | | |
| PL 1009 | PL 15*60 | 2 | 180 | 1.2 | | | |
| PL 1012 | PL 15*60 | 1 | 182 | 1.2 | | | |
| PL 1013 | PL 15*60 | 1 | 185 | 1.2 | | | |
| PL 1019 | PL 15*60 | 1 | 173 | 0.9 | | | |
| PL 1026 | PL 10*260 | 1 | 390 | 6.2 | | | |
| PL 1038 | PL 12*151 | 2 | 300 | 4.3 | | | |
| PL 1040 | PL 16*220 | 1 | 270 | 7.5 | | | |
| PL 1041 | PL 100*200 | 9 | 276 | 1.8 | | | |
| Pr3 | IPE240 | 1 | 10985 | 337.2 | | | |
| Pr61 | L100*10 | 1 | 400 | 6.0 | | | |
| Pr62 | L100*10 | 3 | 400 | 6.0 | | | |
| Total | | | | 409.7 | | | |

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|--------------------------------|--|------------|--------------|------------|
| 1 | | UNIDADES | MARCA: | B2 |
| OBRA : Projecte Final de Ca | | | | |
| REF. : 1 | | | | |
| TITULO DIBUJO | | PÒRTIC | | |
| PLANO NO. | | B2 | ESCALA | 1:10 |
| FECHA | | 14.01.2013 | REVISION No. | 14.01.2013 |
| DIBUJADO POR | | ACABADO | | |

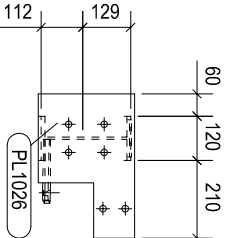


TOTES LES SOLDADURES SERAN:
0.7Xè minim SI NO ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA
0.5Xè minim SI ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA

A - A

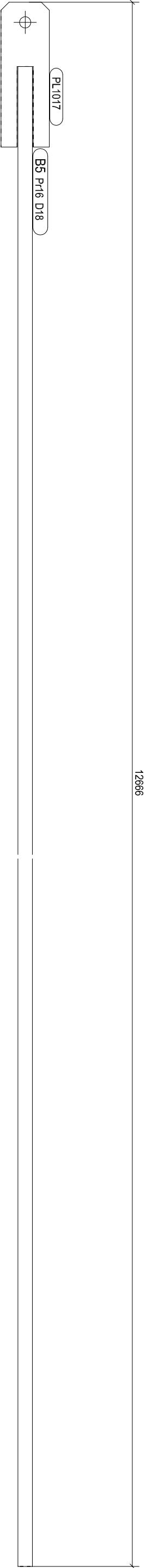


D - D



| MARCA | PERFIL | UNIDADES | LONGITUD | PESO | | | |
|--------|------------|----------|----------|-------|--|--|--|
| P1 | PL 10*50 | 2 | 216 | 0.8 | | | |
| P2 | PL 8*110 | 2 | 150 | 1.0 | | | |
| PL1009 | PL 15*60 | 2 | 180 | 1.2 | | | |
| PL1012 | PL 15*60 | 1 | 182 | 1.2 | | | |
| PL1013 | PL 15*60 | 1 | 185 | 1.2 | | | |
| PL1020 | PL 15*60 | 1 | 173 | 0.9 | | | |
| PL1026 | PL 10*260 | 1 | 390 | 6.2 | | | |
| PL1038 | PL 12*151 | 2 | 300 | 4.3 | | | |
| PL1040 | PL 16*220 | 1 | 270 | 7.5 | | | |
| PL1041 | PL 100*200 | 9 | 276 | 1.8 | | | |
| Pr3 | IPE240 | 1 | 10985 | 337.2 | | | |
| Pr59 | L100*10 | 1 | 400 | 6.0 | | | |
| Pr60 | L100*10 | 3 | 400 | 6.0 | | | |
| Total | | | | 409.7 | | | |

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|---------------|--|-------------------------|--------|----|
| 1 | | UNIDADES | MARCA: | B4 |
| OBRA : | | Projecte Final de Ca | | |
| REF. : | | 1 | | |
| TITULO DIBUJO | | PÒRTIC | | |
| PLANO No. | | B4 | | |
| FECHA | | 14.01.2013 | | |
| DIBUADO POR | | ACABADO | | |
| | | ESCALA 1:10 | | |
| | | REVISION No. 14.01.2013 | | |



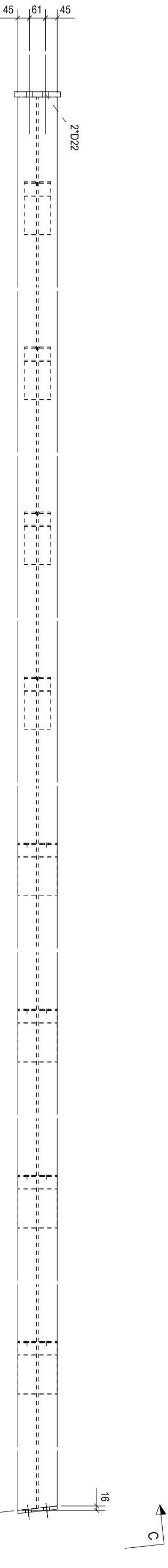
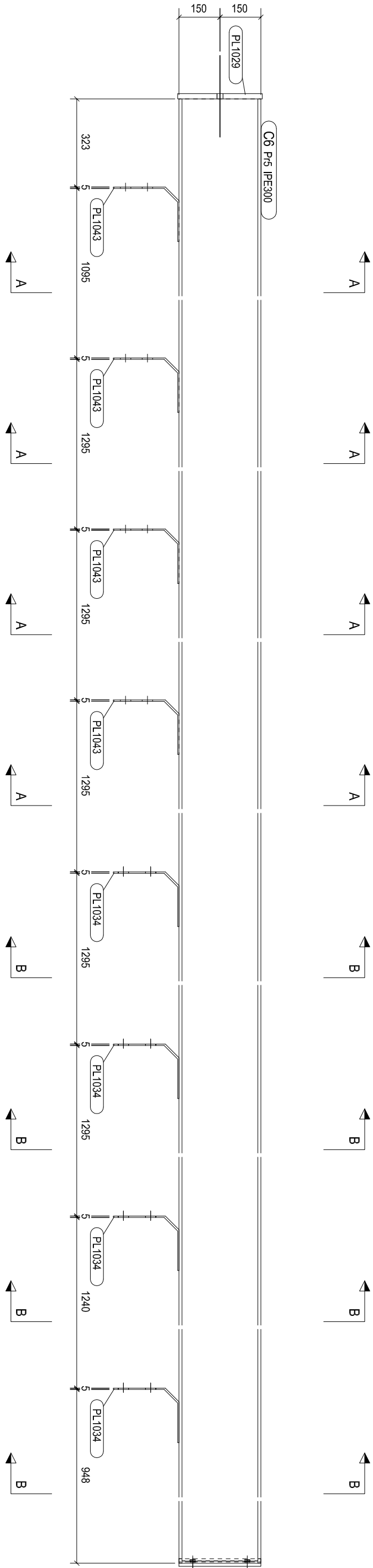
TOTES LES SOLDADURES SERAN:
0.7Xε minim SI NO ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA
0.5Xε minim SI ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA

4 UNIDADES MARCA: B5

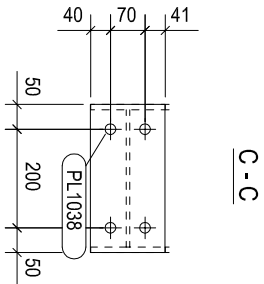
OBRA : Projecte Final de Ca

REF. : 1

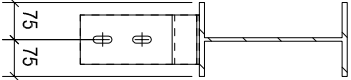
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| | | | | | OBRA : Proyecto Final de Ca | | |
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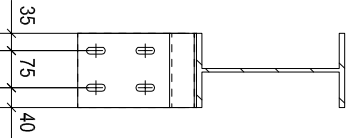
TOTES LES SOLDADURES SERAN:
0.7Xε minim SI NO ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA
0.5Xε minim SI ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA



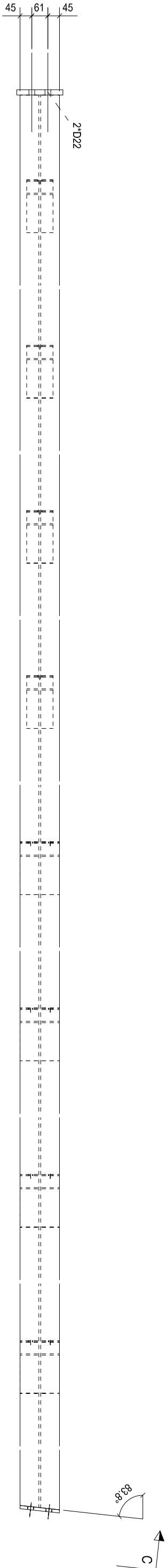
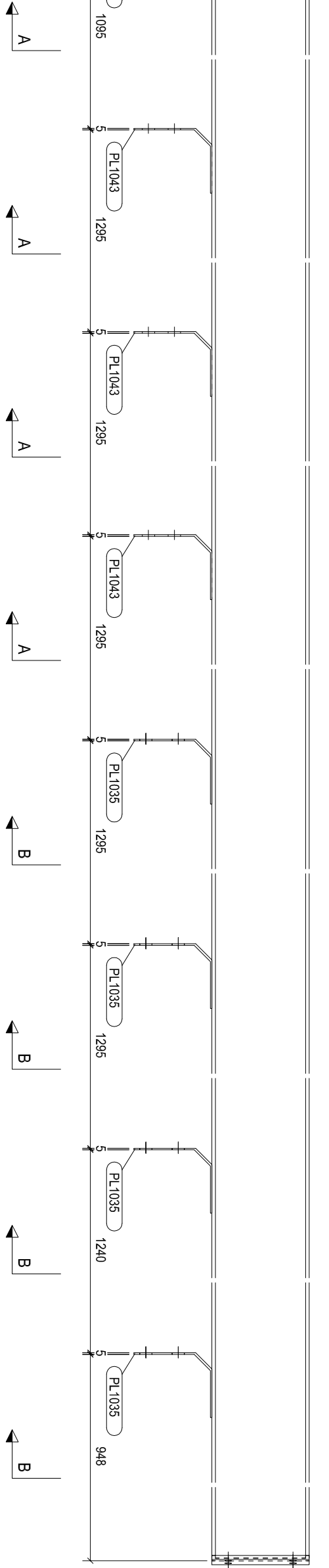
A - A



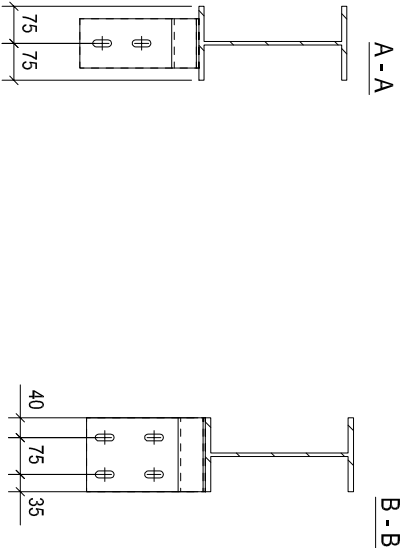
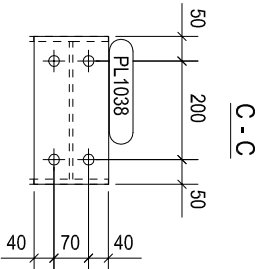
B - B



| MARCA | PERFIL | UNIDADES | LONGITUD | PESO | 1 UNIDADES MARCA: C6 | | |
|---|------------|----------|----------|-------|--|--|--|
| PL 1029 | PL20*175 | 1 | 310 | 8.5 | | | |
| PL 1034 | PL 150*200 | 4 | 241 | 2.6 | | | |
| PL 1038 | PL12*151 | 1 | 300 | 4.3 | | | |
| PL 1043 | PL100*200 | 4 | 241 | 1.7 | | | |
| P/5 | IPE300 | 1 | 10121 | 427.1 | | | |
| Total | | | | 457.0 | | | |
| OBRA : Projecte Final de Ca REF. : 1 | | | | | TITULO DIBUJO | | |
| | | | | | PILAR | | |
| | | | | | PLANO NO. C6 | | |
| | | | | | FECHA 14.01.2013 | | |
| | | | | | DIBUADO POR ACABADO | | |
| | | | | | ESCALA 1:15 REVISION No. 14.01.2013 | | |

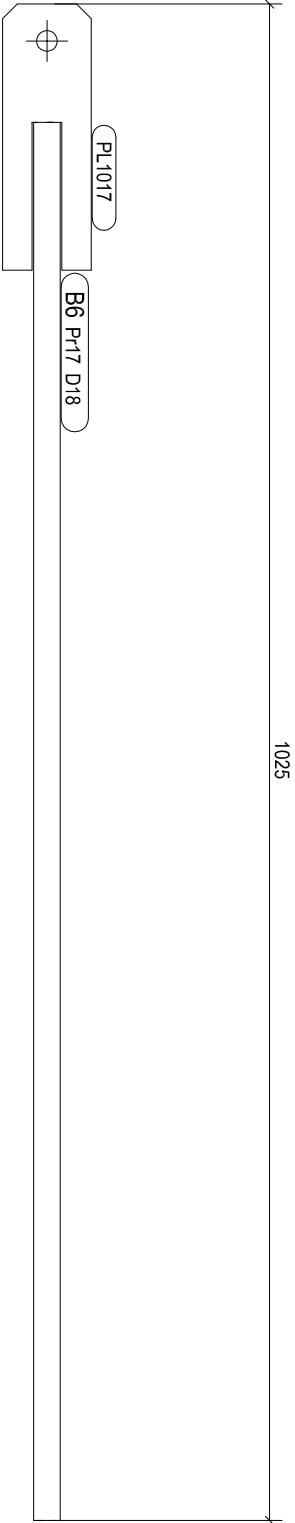


TOTES LES SOLDADURES SERAN:
0.7Xe minim SI NO ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA
0.5Xe minim SI ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA



| MARCA | PERFIL | UNIDADES | LONGITUD | PESO |
|--------|-----------|----------|----------|-------|
| PL1029 | PL20*175 | 1 | 310 | 8.5 |
| PL1035 | PL150*200 | 4 | 241 | 2.6 |
| PL1038 | PL12*151 | 1 | 300 | 4.3 |
| PL1043 | PL100*200 | 4 | 241 | 1.7 |
| Pr5 | IPE300 | 1 | 10121 | 427.1 |
| Total | | | | 457.0 |

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|--------------------------------|----------------------------|
| OBRA : Projecte Final de Ca | |
| REF.: 1 | |
| TITULO DIBUJO | PILAR |
| PLANO No. | C7 |
| FECHA | 14.01.2013 |
| DIBUJADO POR | ACABADO |
| | ESCALA 1:15 |
| | REVISION No. 14.01.2013 |



TOTES LES SOLDADURES SERAN:
0.7Xε minim SI NO ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA
0.5Xε minim SI ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA

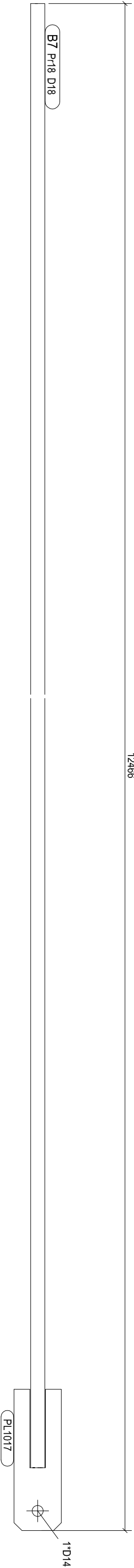
24 UNIDADES MARCA: B6

OBRA : Projecte Final de Ca

REF. : 1

| MARCA | PERFIL | UNIDADES | LONGITUD | PESO |
|--------|---------|----------|----------|------|
| PL1017 | PL15*60 | 1 | 180 | 1.0 |
| Pr17 | D18 | 1 | 945 | 1.7 |
| Total | | | 2.7 | |

| TITULO DIBUJO | | TIRANT | |
|---------------|------------|--------------|------------|
| PLANO No. | B6 | ESCALA | 1:5 |
| FECHA | 12.01.2013 | REVISION No. | 14.01.2013 |
| DIBUJADO POR | | ACABADO | |



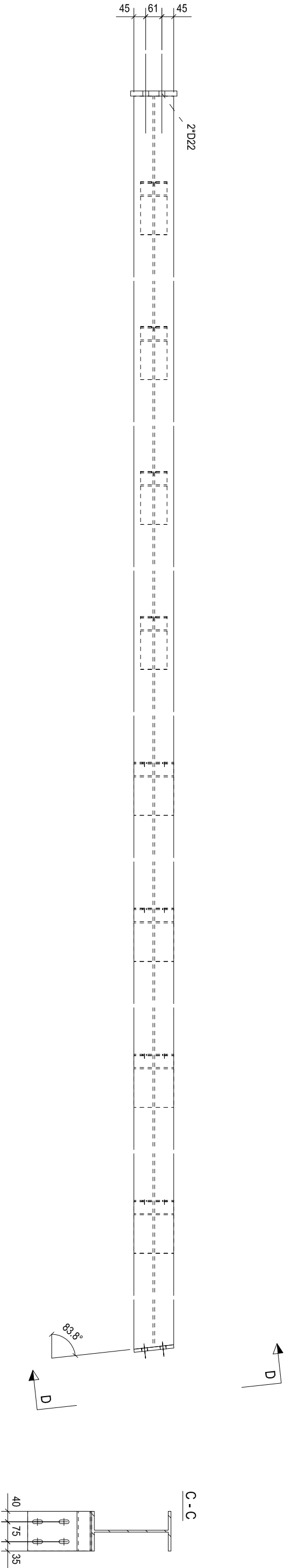
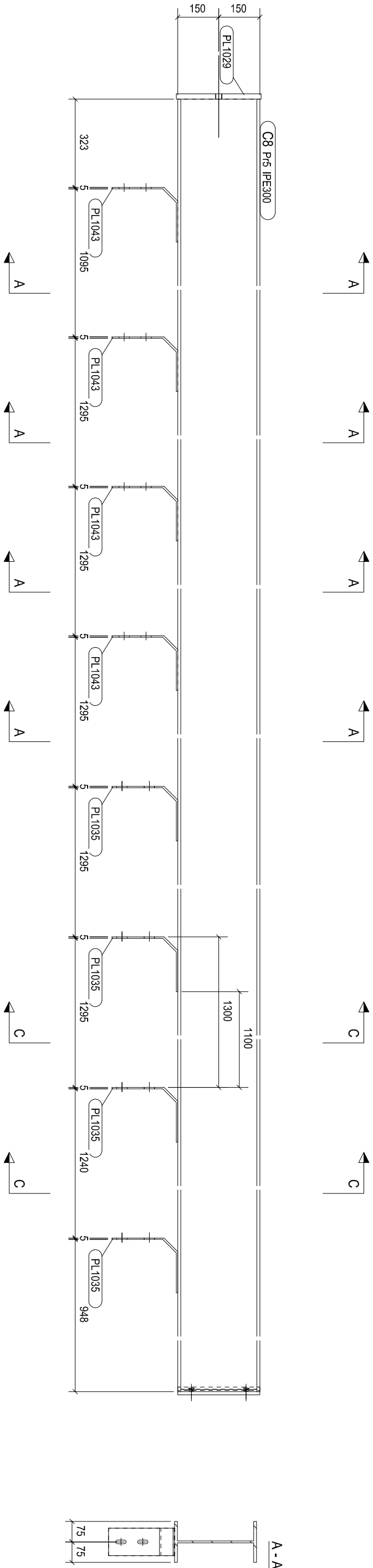
TOTES LES SOLDADURES SERAN:
0.7Xε minim SI NO ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA
0.5Xε minim SI ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA

4 UNIDADES MARCA: B7

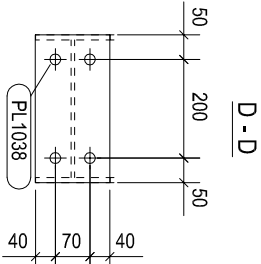
OBRA : Projecte Final de Ca

REF. : 1

| MARCA | PERFIL | UNIDADES | LONGITUD | PESO | TITULO DIBUJO | TIRANT | ESCALA | 1:5 |
|--------|---------|----------|----------|------|---------------|------------|--------------|------------|
| PL1017 | PL15*60 | 1 | 180 | 1.0 | PLANO No. | B7 | | |
| P18 | D18 | 1 | 12386 | 22.3 | FECHA | 12.01.2013 | REVISION No. | 14.01.2013 |
| Total | | | 23.3 | | DIBUJADO POR | | ACABADO | |



TOTES LES SOLDADURES SERAN:
0.7Xε mínim SI NO ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA
0.5Xε mínim SI ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA



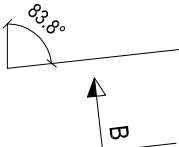
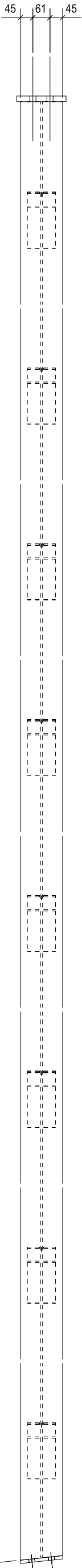
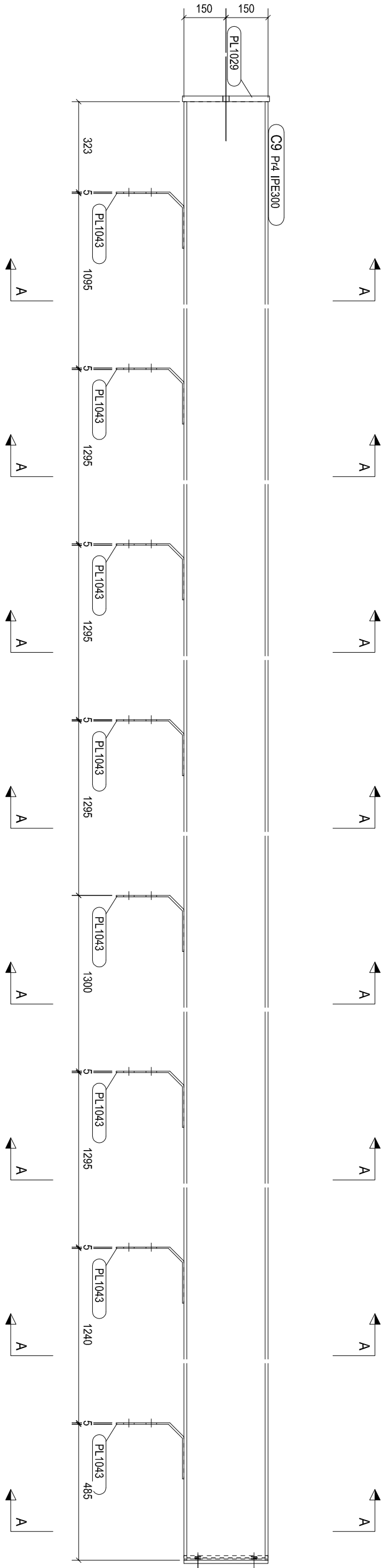
1 UNIDADES MARCA: C8

OBRA : Projecte Final de Ca

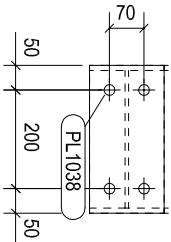
REF. : 1

| MARCA | PERFIL | UNIDADES | LONGITUD | PESO | | | |
|---------|------------|----------|----------|-------|--|--|--|
| PL 1029 | PL 20*175 | 1 | 310 | 8.5 | | | |
| PL 1035 | PL 150*200 | 4 | 241 | 2.6 | | | |
| PL 1038 | PL 12*151 | 1 | 300 | 4.3 | | | |
| PL 1043 | PL 100*200 | 4 | 241 | 1.7 | | | |
| P-5 | IPE300 | 1 | 10121 | 427.1 | | | |
| Total | | | | 457.0 | | | |

| TITULO DIBUJO | PILAR | ESCALA | 1:15 |
|---------------|------------|--------------|------------|
| PLANO No. | C8 | | |
| FECHA | 14.01.2013 | REVISION No. | 14.01.2013 |
| DIBUJADO POR | ACABADO | | |



B - B



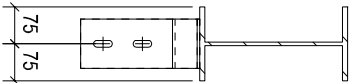
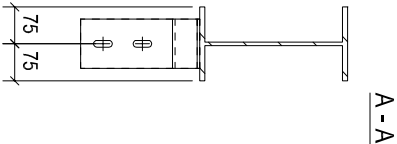
TOTES LES SOLDADURES SERAN:
0.7Xε minim SI NO ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA
0.5Xε minim SI ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA

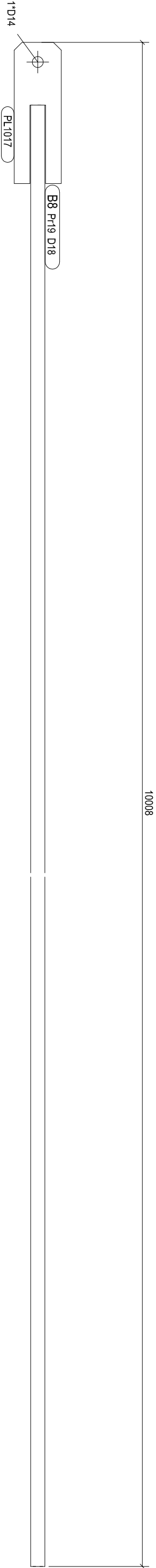
2 UNIDADES MARCA: C9

OBRA : Projecte Final de Ca

REF. : 1

| MARCA | PERFIL | UNIDADES | LONGITUD | PESO | | | | |
|---------|-----------|----------|----------|-------|---------------|--|-------------------------|--|
| PL 1029 | PL20*175 | 1 | 310 | 8.5 | TITULO DIBUJO | | | |
| PL 1038 | PL12*151 | 1 | 300 | 4.3 | | | | |
| PL 1043 | PL100*200 | 8 | 241 | 1.7 | | | | |
| Pr4 | IPE300 | 1 | 9658 | 407.6 | FECHA | | | |
| Total | | | 434.0 | | | | | |
| | | | | | DIBUJADO POR | | ACABADO | |
| | | | | | PILAR | | ESCALA 1:15 | |
| | | | | | C9 | | REVISION No. 14.01.2013 | |





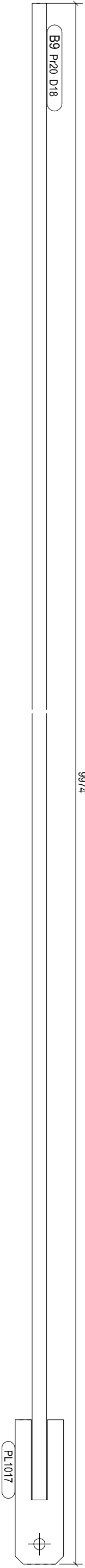
TOTES LES SOLDADURES SERAN:
0.7Xε minim SI NO ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA
0.5Xε minim SI ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA

4 UNIDADES MARCA: B8

OBRA : Projecte Final de Ca

REF. : 1

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| | | | | | OBRA : Proyecto Final de Ca | | |
| | | | | | REF. : 1 | | |
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TOTES LES SOLDADURES SERAN:
0.7Xè minim SI NO ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA
0.5Xè minim SI ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA

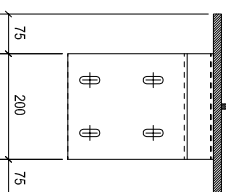
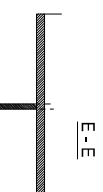
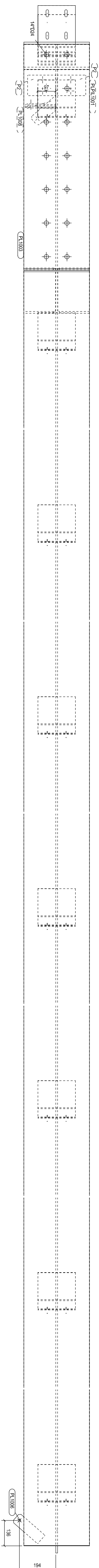
4 UNIDADES MARCA: B9

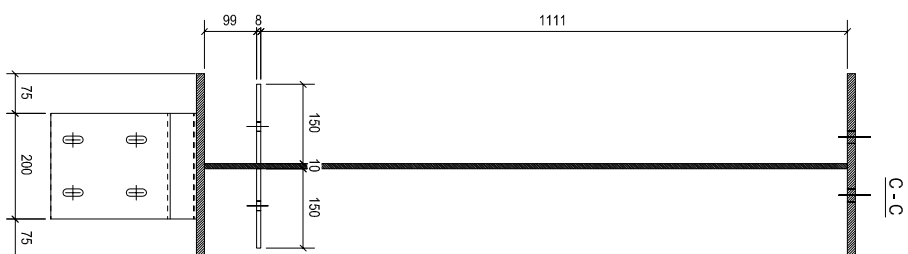
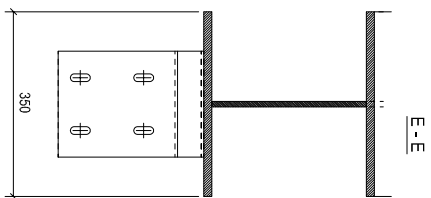
OBRA : Projecte Final de Ca

REF. : 1

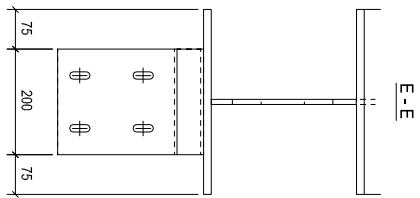
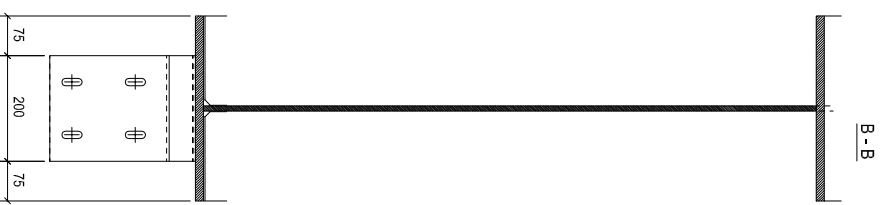
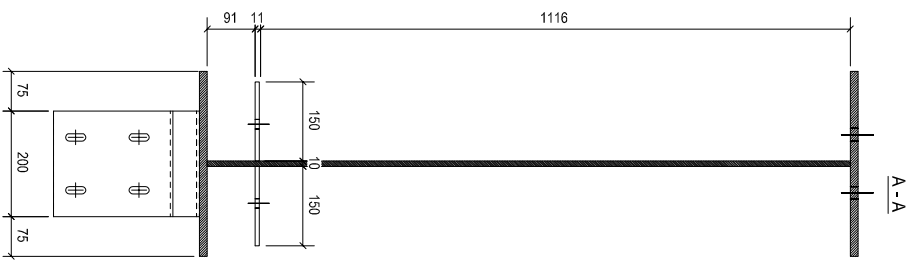
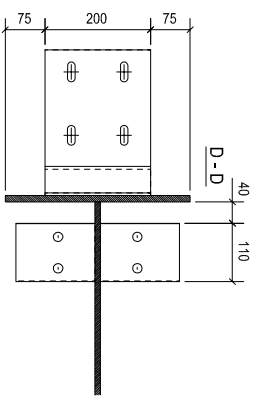
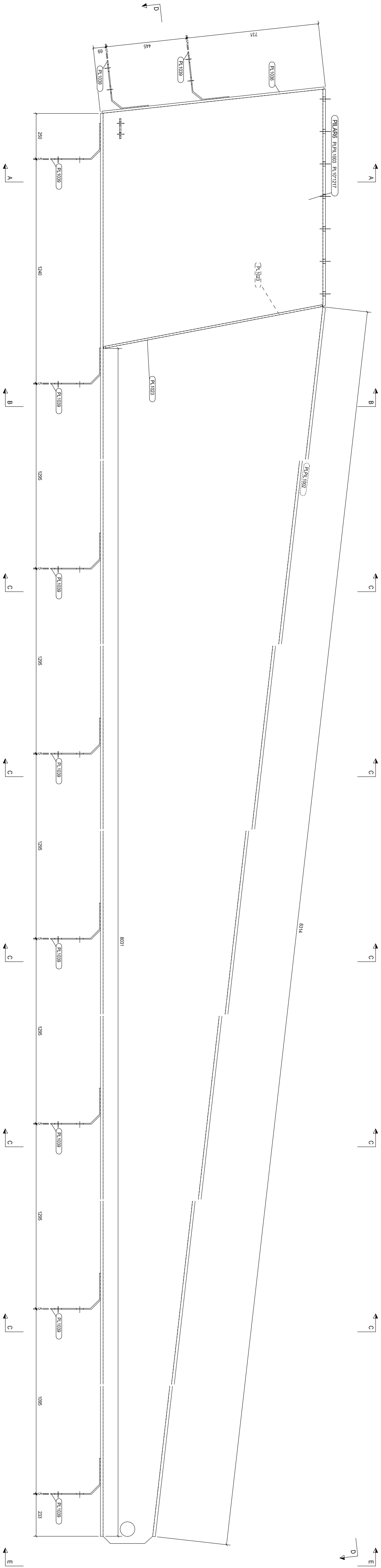
| | | | | |
|--------------------------------|--|------------|--|--|
| OBRA : Proyecto Final de Ca | | | | |
| REF. : 1 | | | | |
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| TITULO DIBUJO | | TIRANT | | |
| PLANO No. | | B9 | | |
| FECHA | | 12.01.2013 | | |
| DIBUJADO POR | | ACABADO | | |

| | | | | |
|--------|---------|----------|----------|------|
| MARCA | PERFIL | UNIDADES | LONGITUD | PESO |
| PL1017 | PL15*60 | 1 | 180 | 1.0 |
| Pr20 | D18 | 1 | 9894 | 17.8 |
| Total | | | | 18.8 |

[illegible]

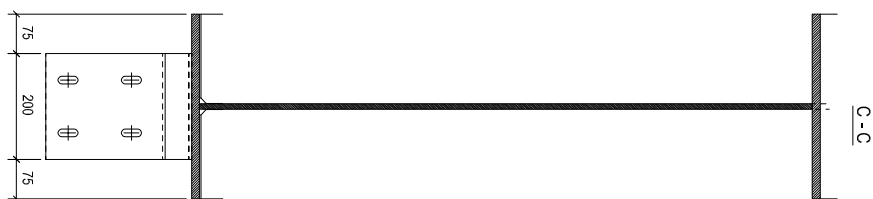
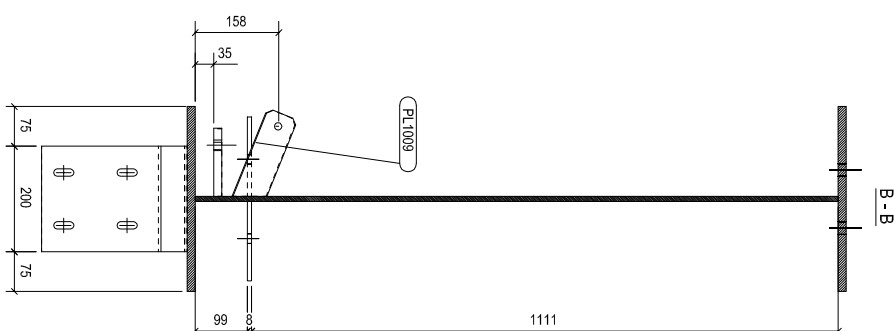
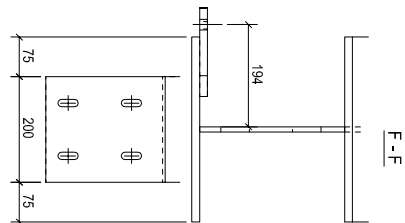
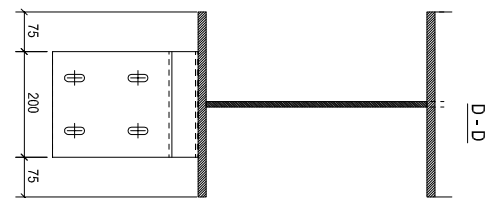
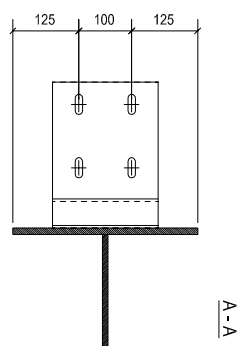
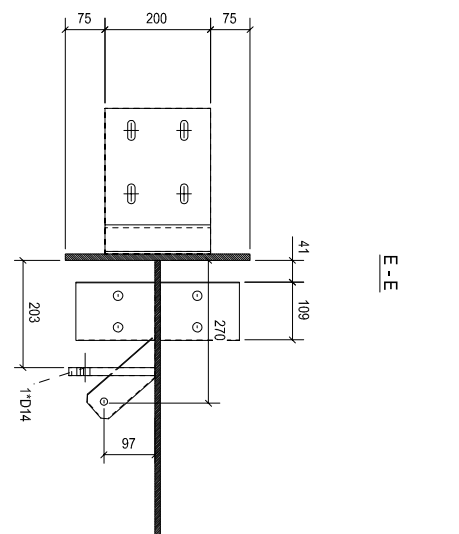
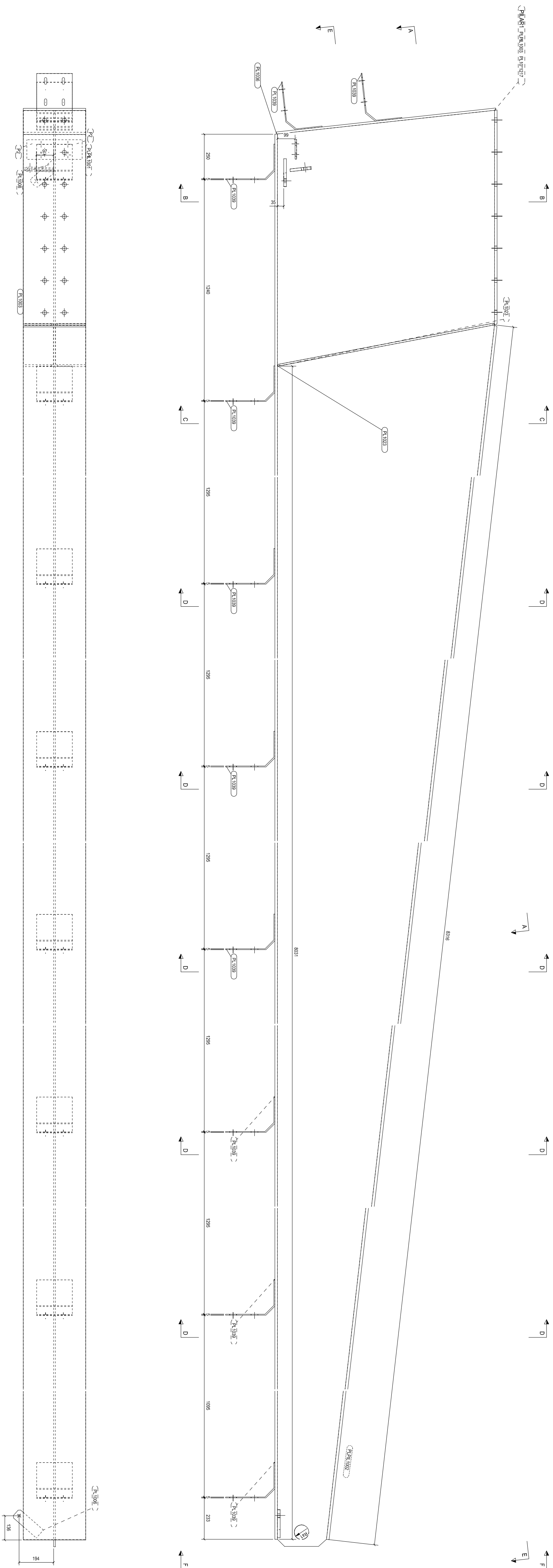


| MARCA: | | UNIDADES: | | MARCA: | | PILAS: | |
|---------------------------------|-----------|------------|-----------|---------|--|--------|--|
| 3 UNIDADES Proyecto Final de Ca | | | | | | | |
| REF.: 1 | | | | | | | |
| MANCA | ITEM: | UNIDADES | CONCLUIDO | PRECIO | | | |
| P2 | PLA11-30 | 2 | 100 | 1,0 | | | |
| P3 | PLA11-30 | 1 | 100 | 49,6 | | | |
| P4 | PLA12-60 | 1 | 100 | 16,4 | | | |
| P5 | PLA12-60 | 2 | 1238 | 16,4 | | | |
| P6 | PLA12-60 | 1 | 232 | 40,3 | | | |
| P7 | PLA20-200 | 10 | 276 | 3,7 | | | |
| P8 | PLA20-200 | 10 | 276 | 3,7 | | | |
| P9 | PLA20-200 | 10 | 276 | 3,7 | | | |
| P10 | PLA20-200 | 10 | 276 | 3,7 | | | |
| P11 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P12 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P13 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P14 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P15 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P16 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P17 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P18 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P19 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P20 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P21 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P22 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P23 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P24 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P25 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P26 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P27 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P28 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P29 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P30 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P31 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P32 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P33 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P34 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P35 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P36 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P37 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P38 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P39 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P40 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P41 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P42 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P43 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P44 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P45 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P46 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P47 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P48 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P49 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P50 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P51 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P52 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P53 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P54 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P55 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P56 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P57 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P58 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P59 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P60 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P61 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P62 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P63 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P64 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P65 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P66 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P67 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P68 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P69 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P70 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P71 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P72 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P73 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P74 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P75 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P76 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P77 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P78 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P79 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P80 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P81 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P82 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P83 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P84 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P85 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P86 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P87 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P88 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P89 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P90 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P91 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P92 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P93 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P94 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P95 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P96 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P97 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P98 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P99 | PLA15-30 | 1 | 100 | 324,5 | | | |
| P100 | PLA15-30 | 1 | 100 | 324,5 | | | |
| TOTAL | | 1482,4 | | | | | |
| OBRIGADO POR: | | | | | | | |
| FECHA: | | 12-01-2013 | | RESOLU: | | 1-10 | |
| ACABANDO: | | 14-01-2013 | | RESOLU: | | 1-10 | |
| ACABANDO: | | 14-01-2013 | | RESOLU: | | 1-10 | |



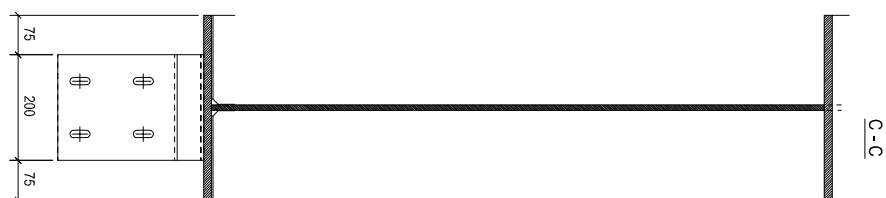
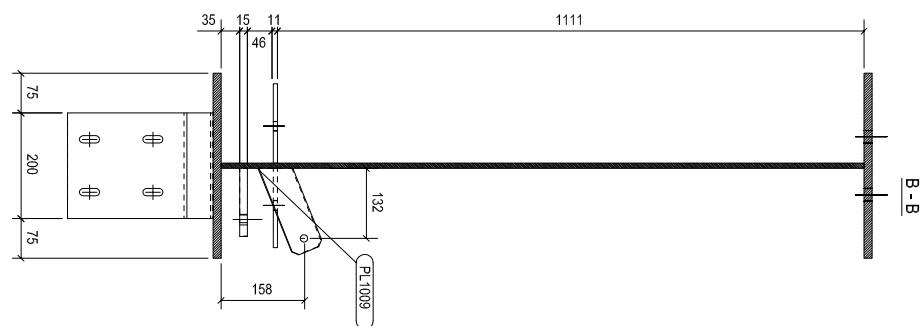
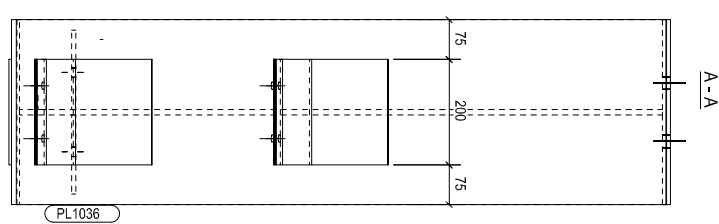
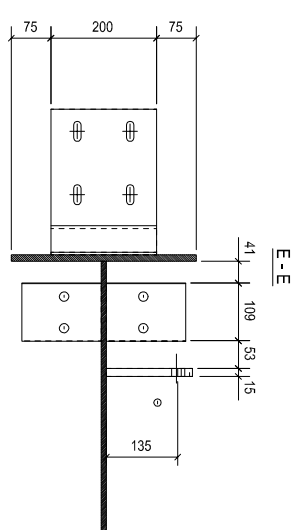
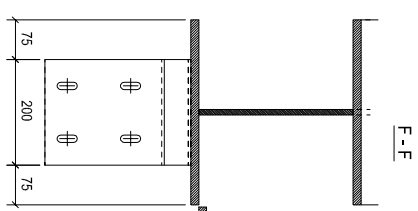
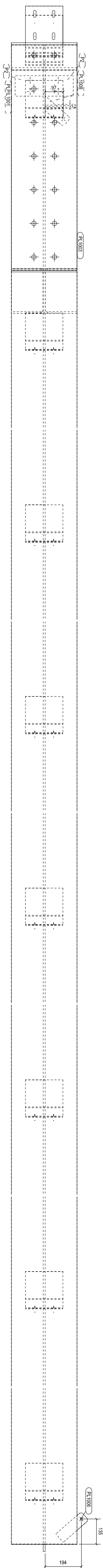
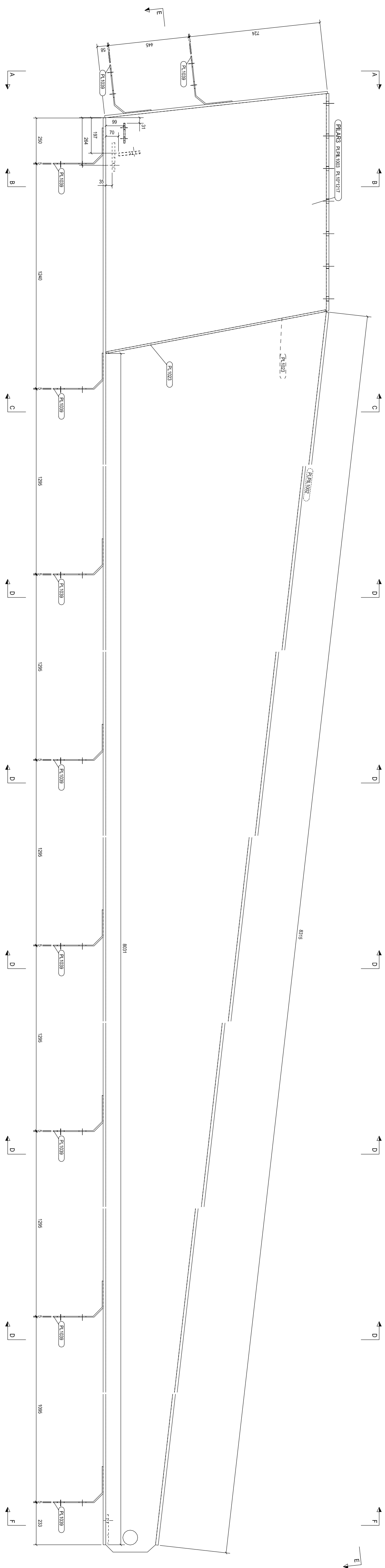
TOTES LES SOLDADURES SERAN:
0,7x8 mm/m SI NO ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA
0,3x6 mm/m SI ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA

| 3 UNIDADES MARCA: PILAR6 | | | | | OBRA : Proyecto Final de Ca | | REF. : 1 | |
|--------------------------|-----------|----------|----------|------|-----------------------------|--|----------|--|
| MARCA | PERFIL | UNIDADES | LONGITUD | PESO | TITULO DIBUJO | | | |
| PILAR6001 | PILAR6001 | 2 | 160 | 48,6 | PILAR6001 | | | |
| PILAR6002 | PILAR6002 | 1 | 1208 | 48,6 | PILAR6002 | | | |
| PILAR6003 | PILAR6003 | 2 | 1208 | 48,6 | PILAR6003 | | | |
| PILAR6004 | PILAR6004 | 2 | 1208 | 48,6 | PILAR6004 | | | |
| PILAR6005 | PILAR6005 | 2 | 1208 | 48,6 | PILAR6005 | | | |
| PILAR6006 | PILAR6006 | 2 | 1208 | 48,6 | PILAR6006 | | | |
| PILAR6007 | PILAR6007 | 2 | 1208 | 48,6 | PILAR6007 | | | |
| PILAR6008 | PILAR6008 | 2 | 1208 | 48,6 | PILAR6008 | | | |
| PILAR6009 | PILAR6009 | 2 | 1208 | 48,6 | PILAR6009 | | | |
| PILAR6010 | PILAR6010 | 2 | 1208 | 48,6 | PILAR6010 | | | |
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TOTES LES SOLDADURES SERAN:
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0.5X6 minim SI ES POT SOLDAR PELS DOS COSTATS DE LA PEÇA

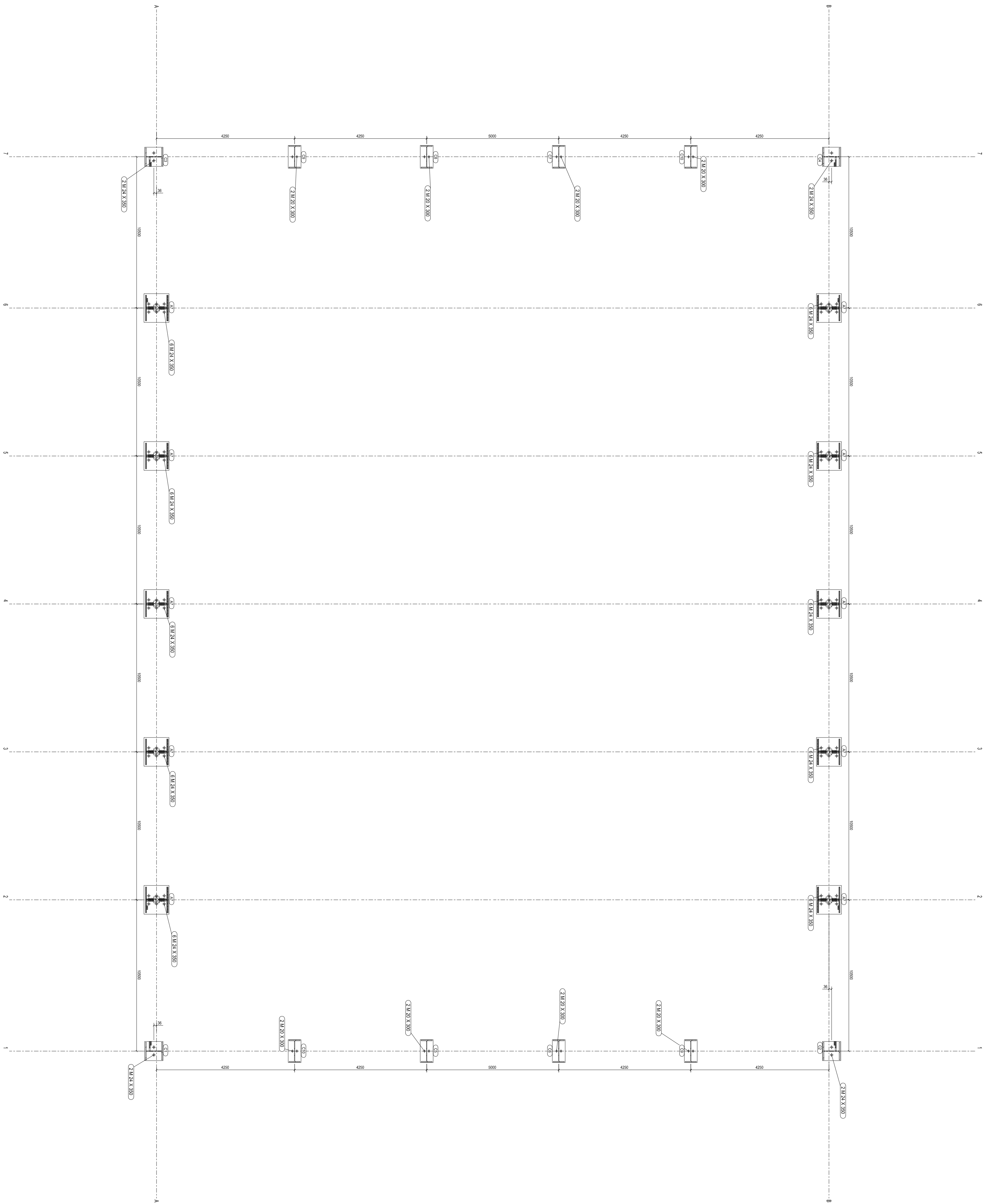
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TOTES LES SOLDADURES SERAN:
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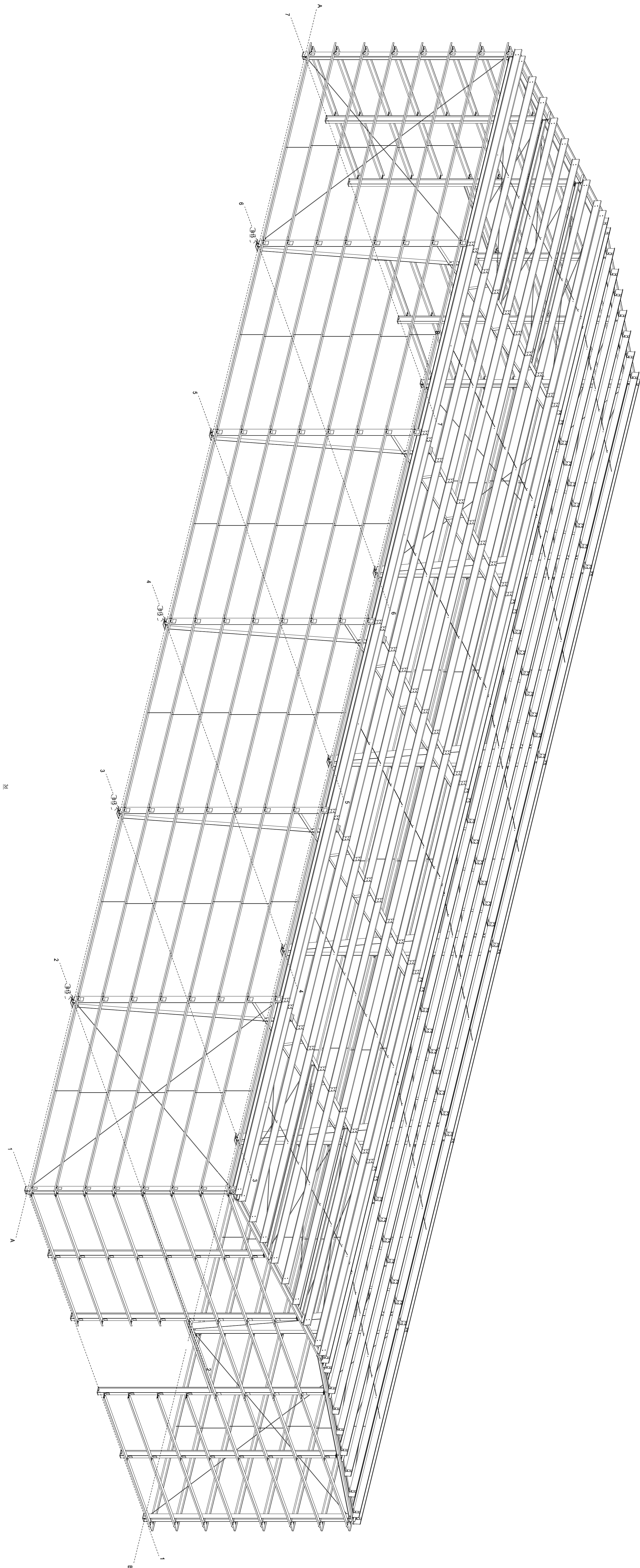
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P.4. PLÀNOLS DE MUNTATGE



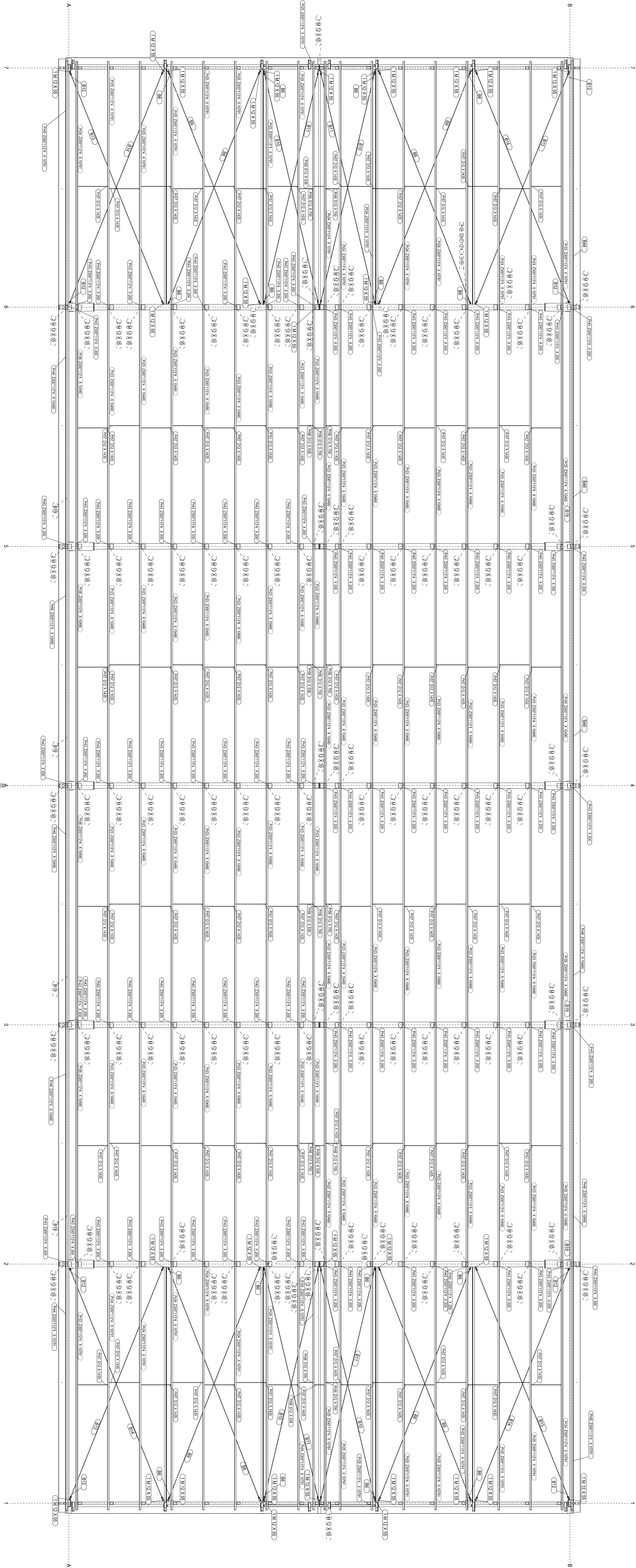
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| PLANO No | 01 | REVISIÓN No. | 15/01/2013 |
| FECHA | 14.01.2013 | | |
| DIBUJADO POR | | | |



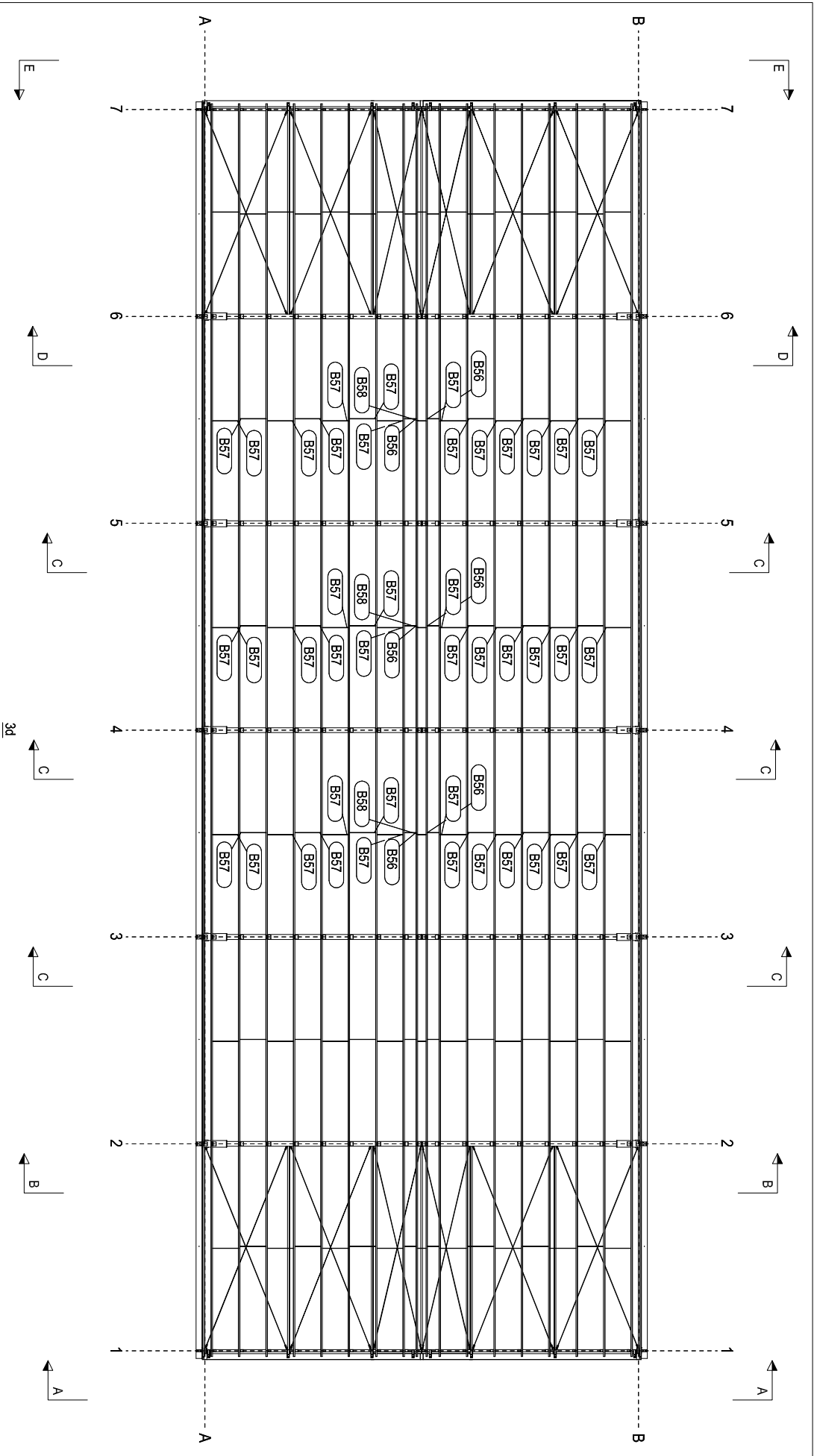
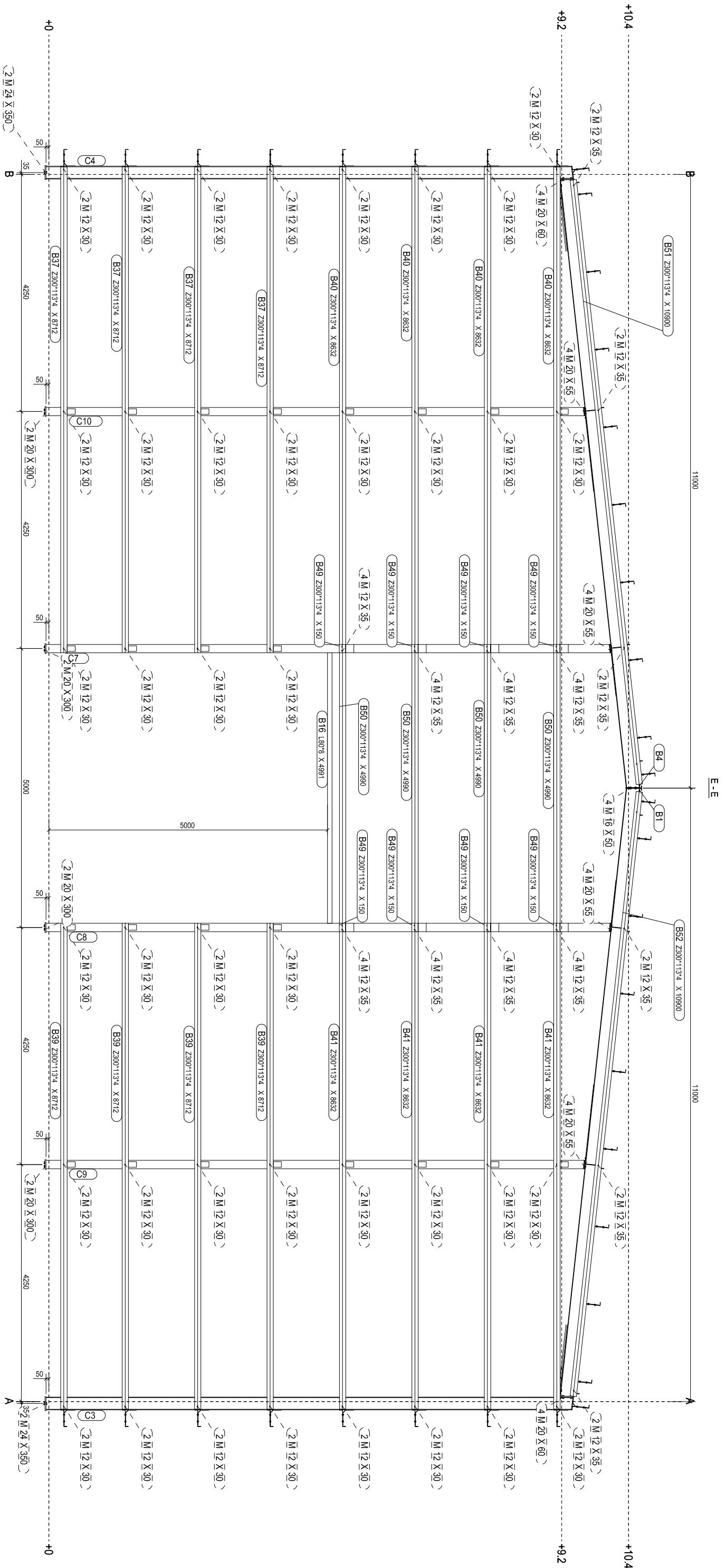
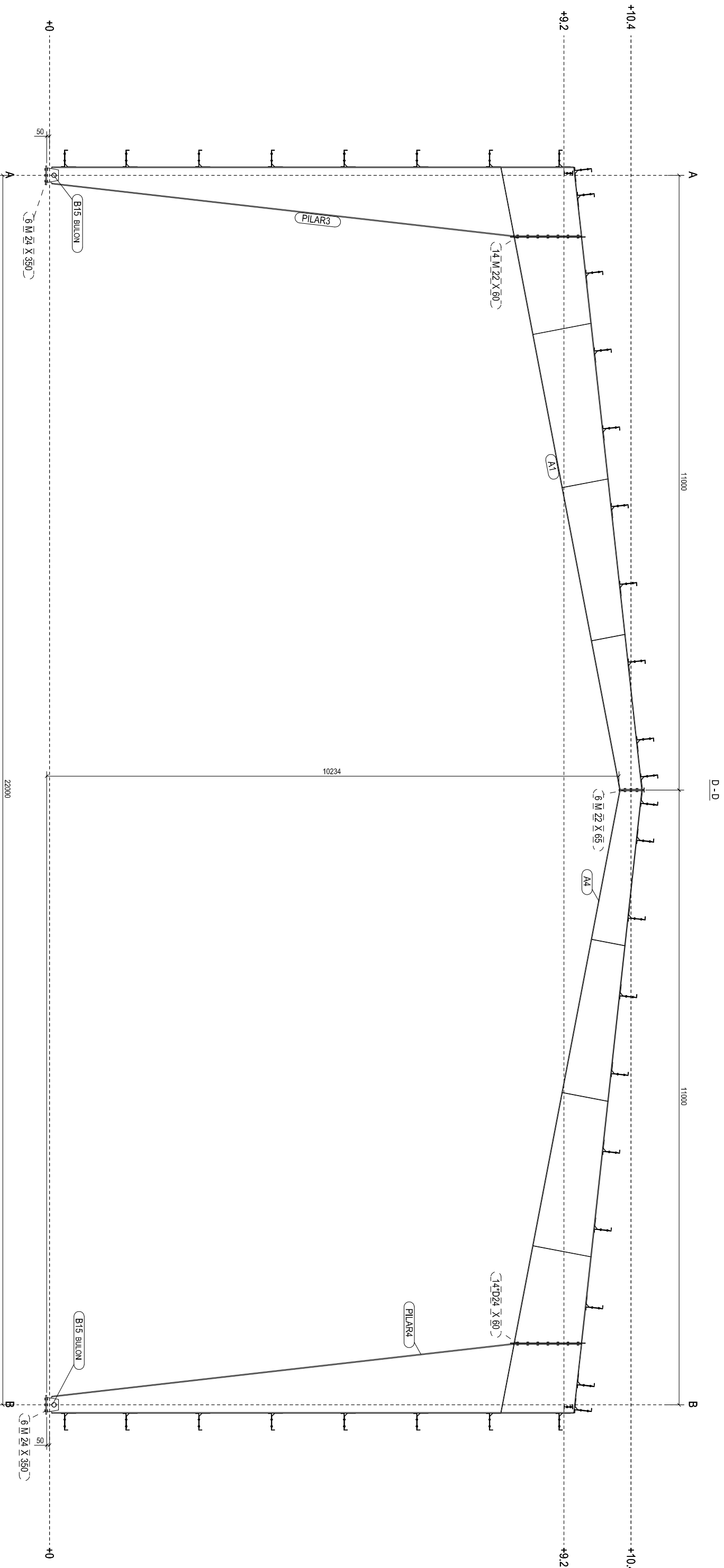
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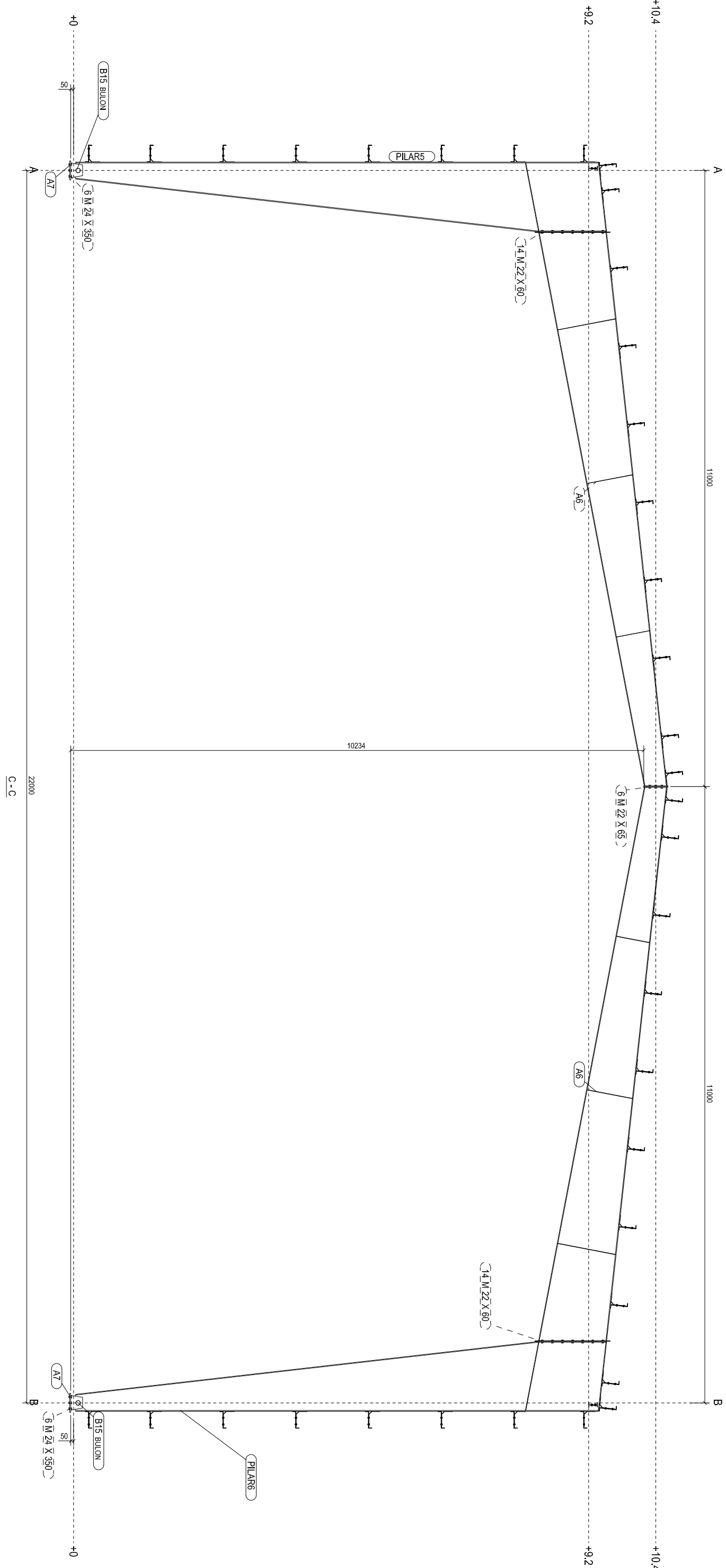
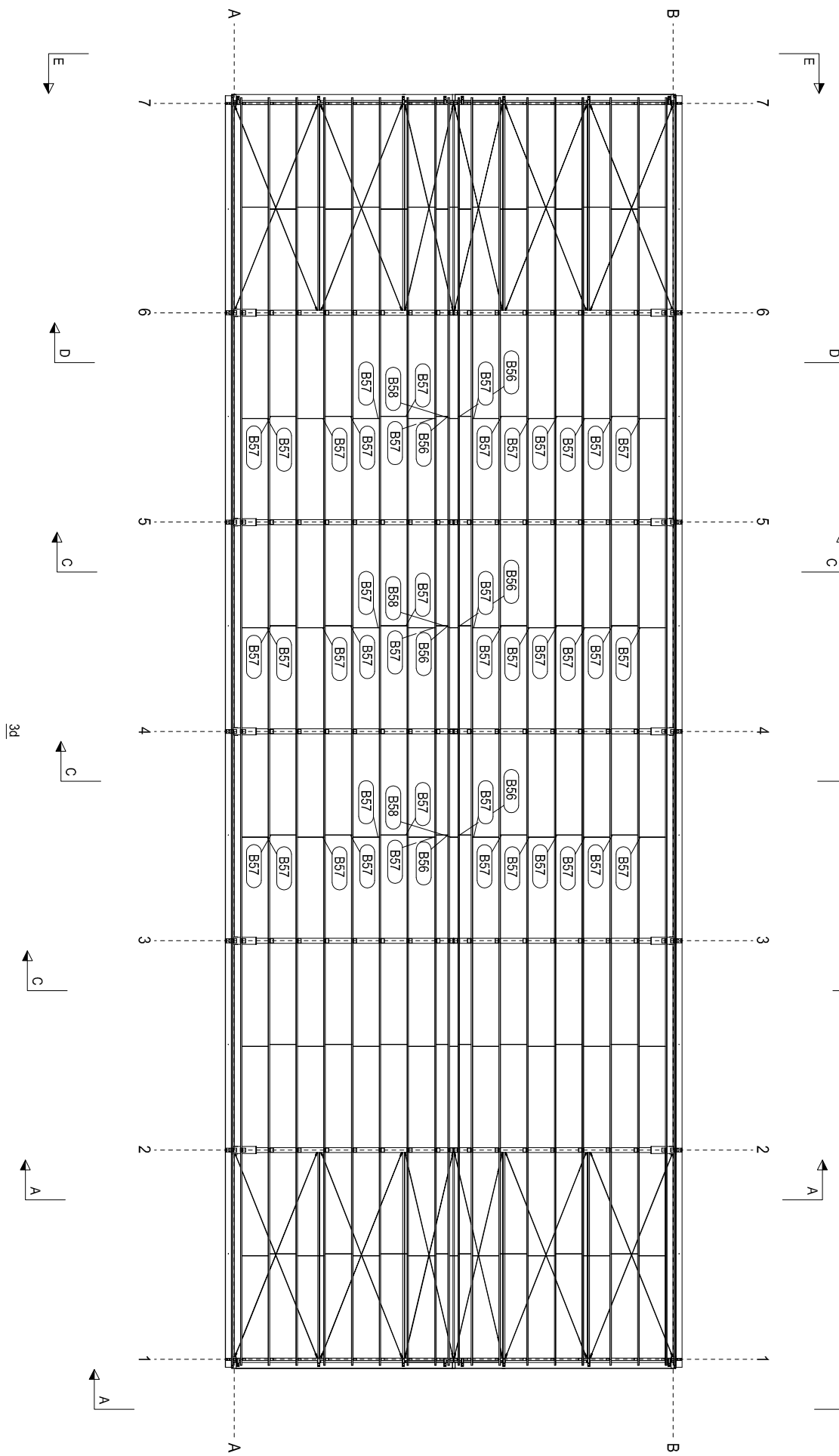
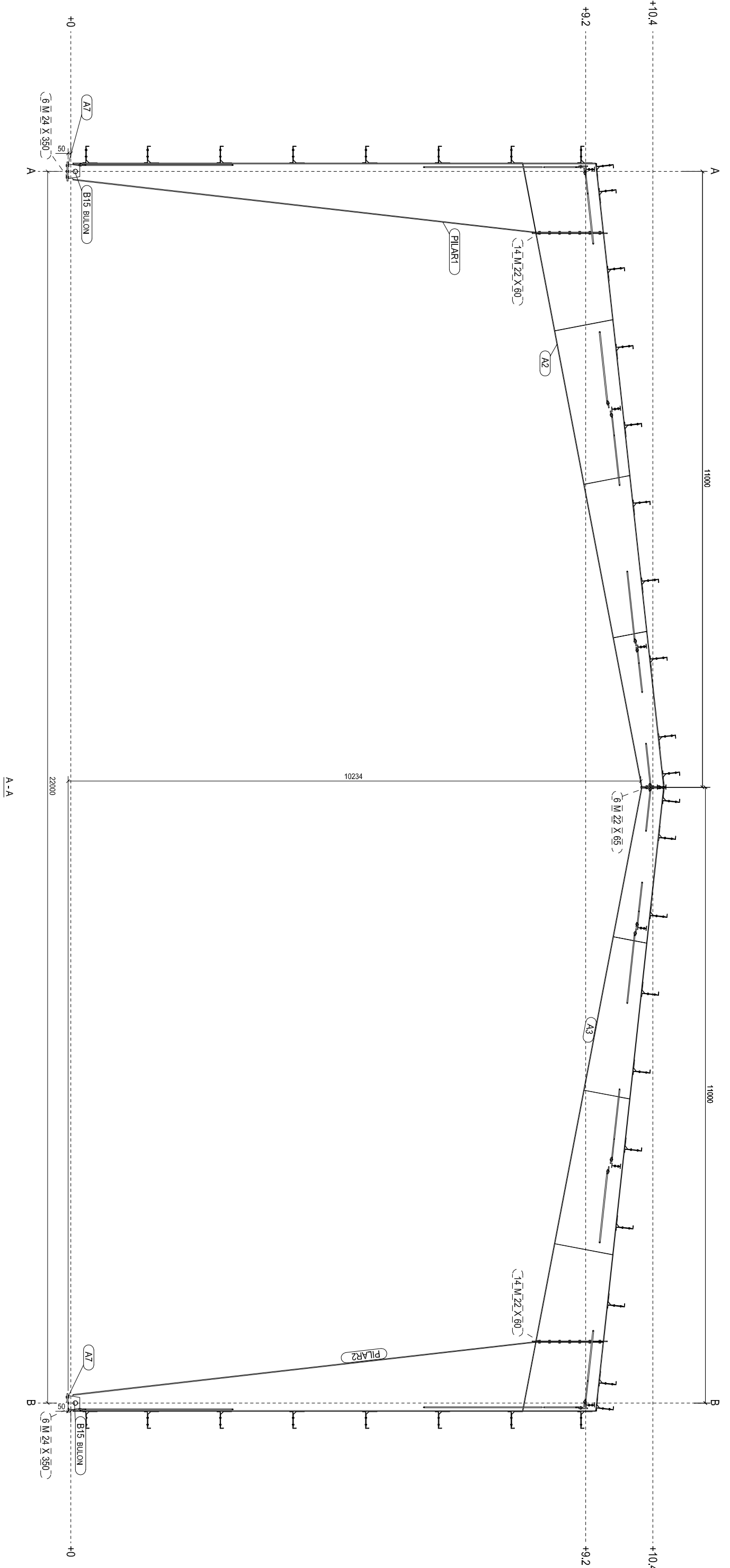
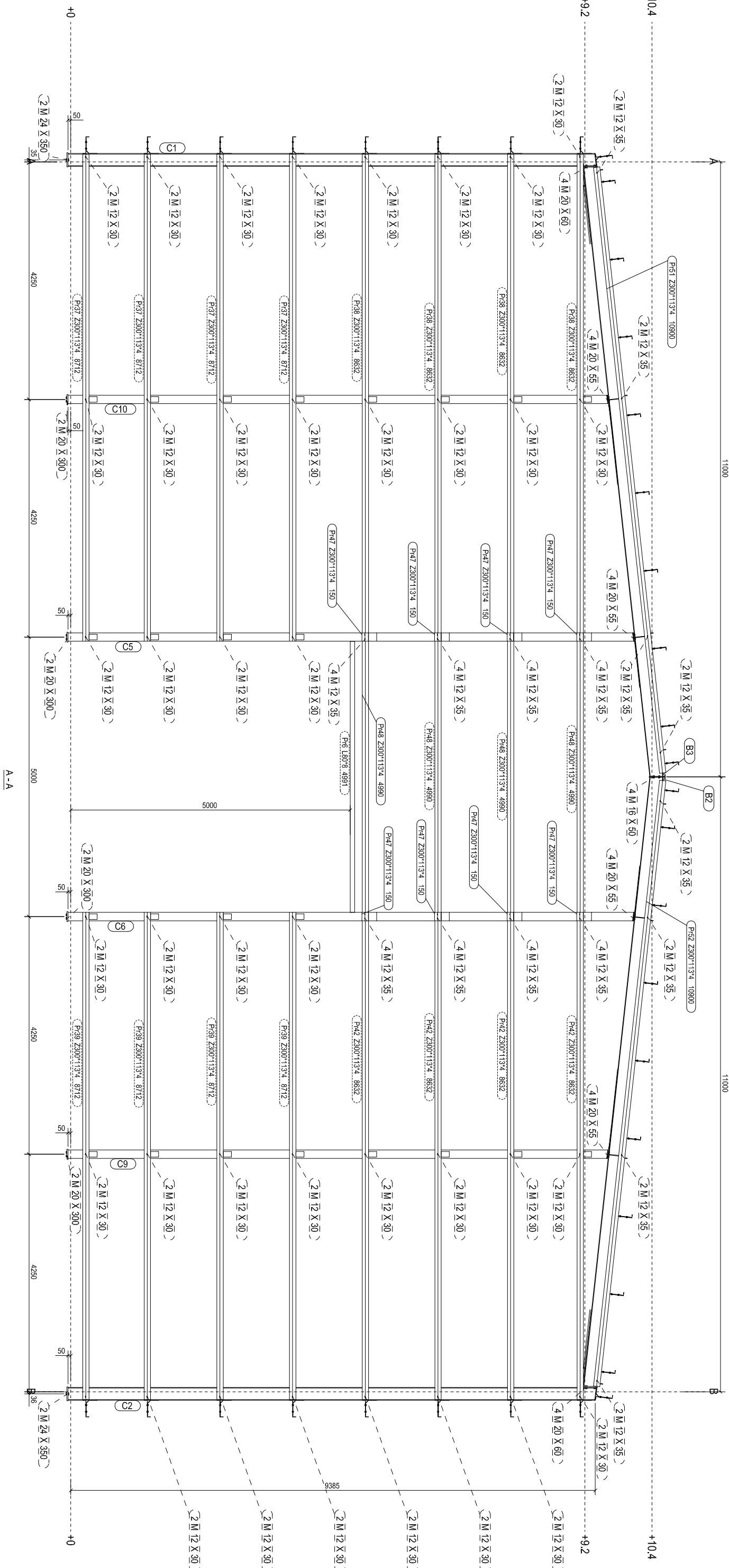
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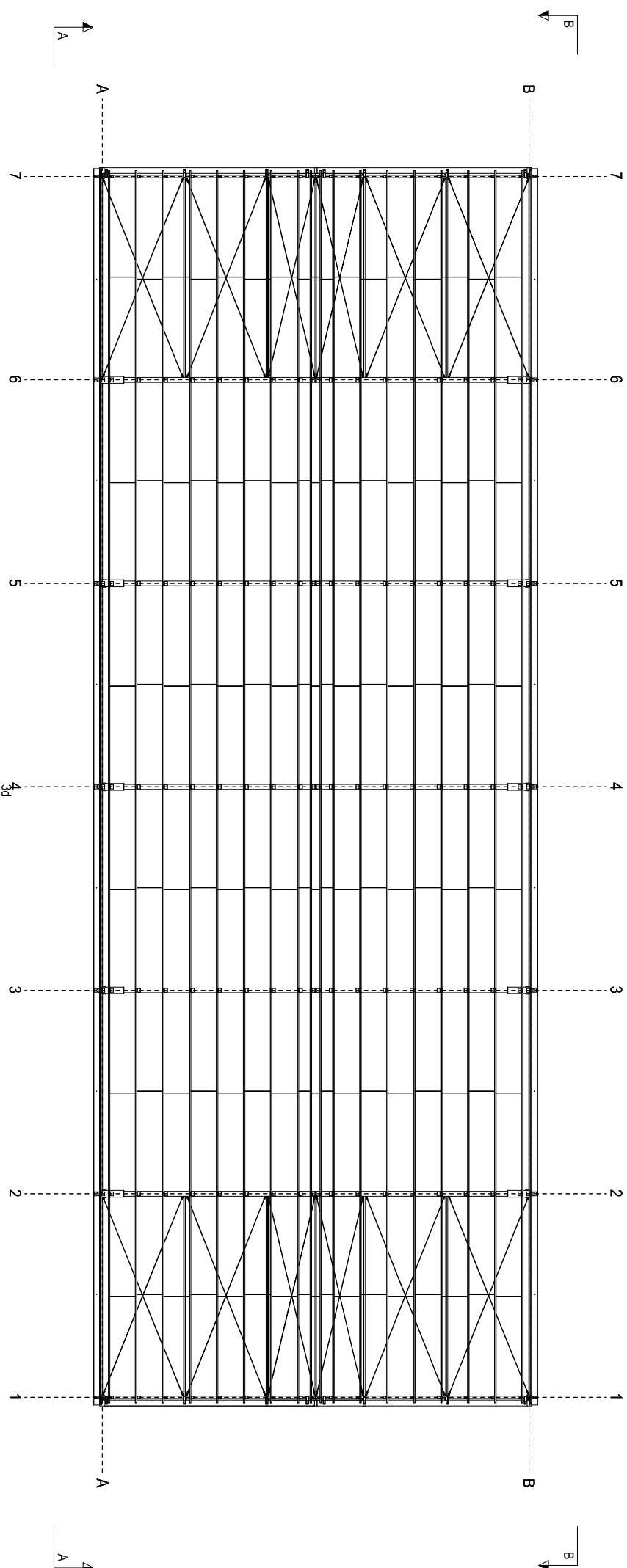
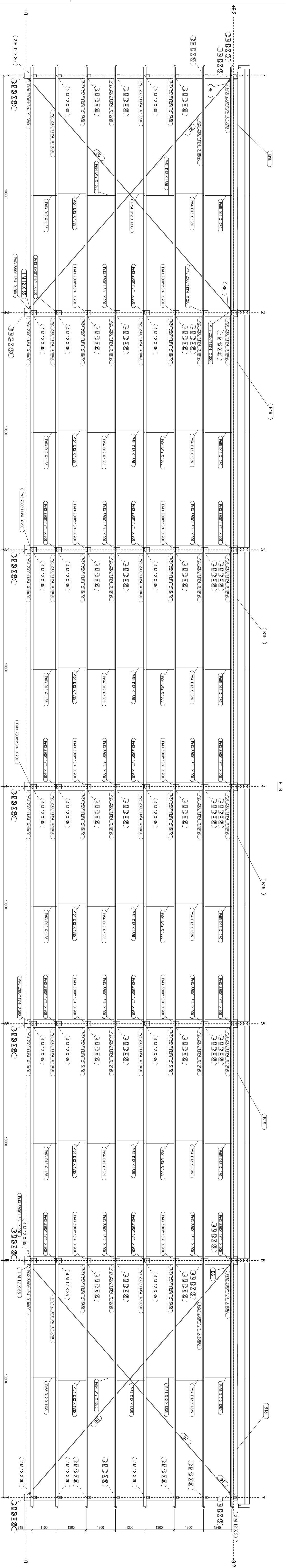
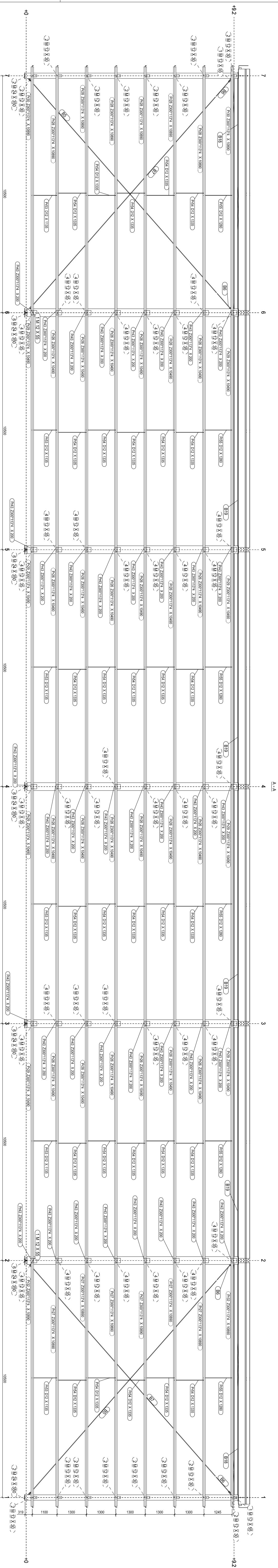
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| FECHA: | 15/01/2013 | REVISION NO. | 15/01/2013 |
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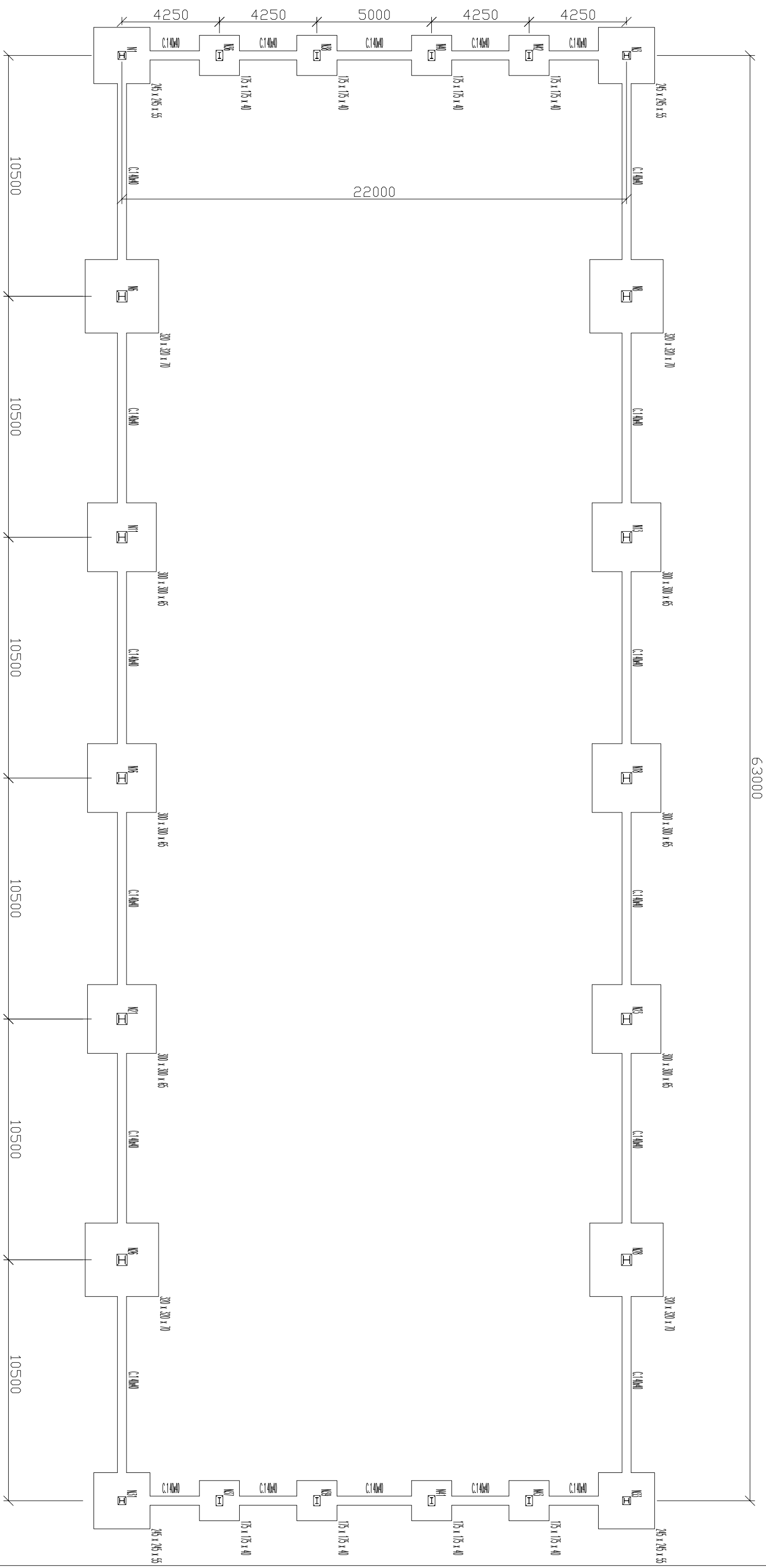
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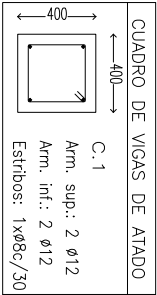
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| DIBUJADO POR | | |

P.5. PLÀNOLS CIMENTACIÓ

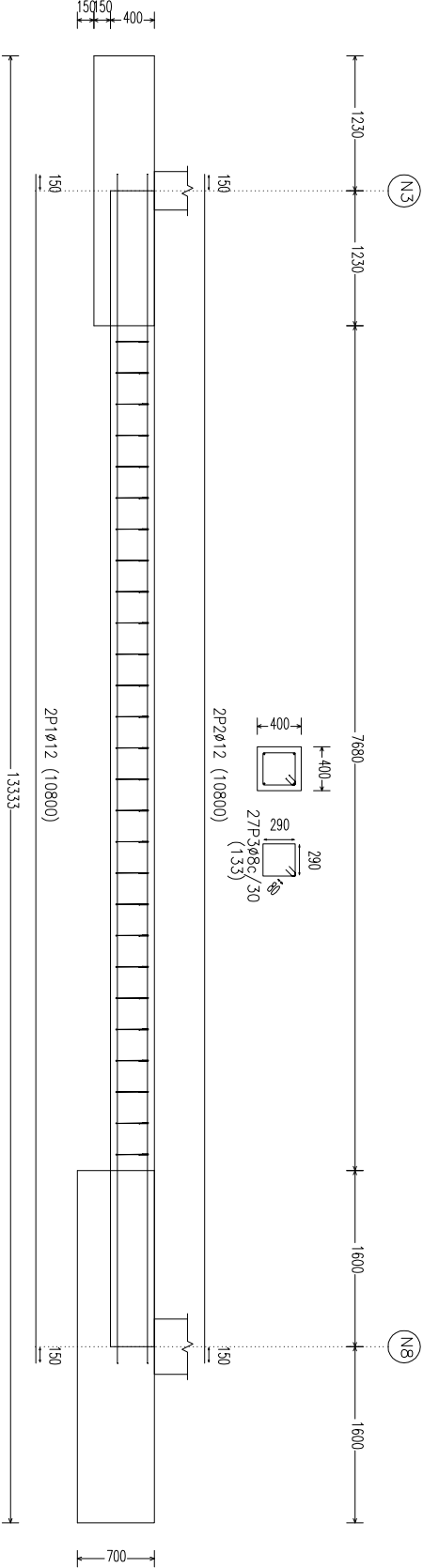


| | | |
|------------------------------------|-------------------|--------------------------------|
| OBRA : Proyecto Final de Ca | | |
| REF.: 1 | | |
| | | |
| TITULO DIBUJO | PLANTA CIMENTACIÓ | |
| PLANO No. | G8 | ESCALA 1:150 |
| FECHA | 12.01.2013 | REVISION No. 15.01.2013 |
| DIBUADO POR | ACABADO | |



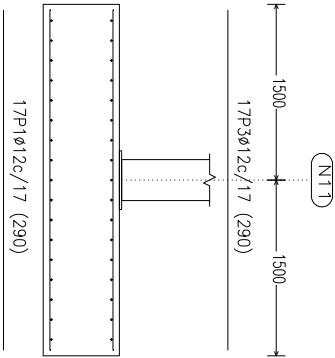
| Elemento | Pos. | Diám. | No. | Long. (cm) | Total B 400 S, Ys=1,15 (kg) | |
|-------------------------|------|-------|-----|------------|-----------------------------|-------|
| C [N3-N8] C [N6-N13] | 1 | ø12 | 2 | 1080 | 2160 | 19,2 |
| C [N13-N18] C [N18-N23] | 2 | ø12 | 2 | 1080 | 2160 | 19,2 |
| C [N23-N28] C [N28-N33] | 3 | ø8 | 27 | 133 | 3591 | 14,2 |
| C [N1-N6] C [N6-N11] | | | | | | |
| C [N11-N16] C [N16-N21] | | | | | | |
| C [N21-N26] C [N26-N31] | | | | | | |
| Total+10% (x12): | | | | | | 57,9 |
| ø8: | | | | | | 188,4 |
| ø12: | | | | | | 506,4 |
| Total: | | | | | | 694,8 |

C [N3-N8], C [N8-N13], C [N13-N18], C [N18-N23], C [N23-N28], C [N28-N33], C [N1-N6], C [N6-N11], C [N11-N16], C [N16-N21], C [N21-N26] y C [N26-N31]

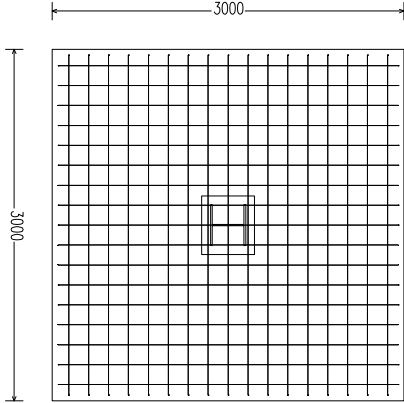
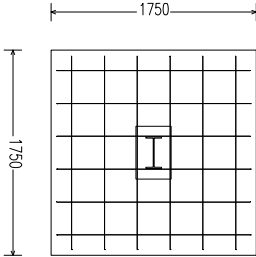
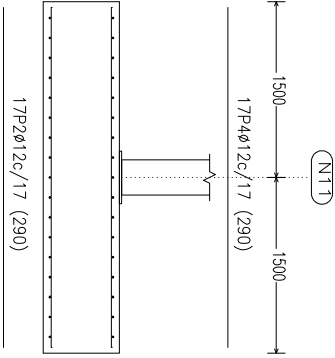


| | | | |
|----------------------|-----------|------------------|------------|
| Proyecto Final de Ca | | | |
| TITULO DIBUJO: | | BIGUES DE LLIGAT | |
| DIBUJO No. | W [CIM.1] | FECHA: | 11.01.2013 |
| ESCALA: | 1:50 | REVISION: | 11.01.2013 |
| DIBUJADO POR: | ACERO: | | |

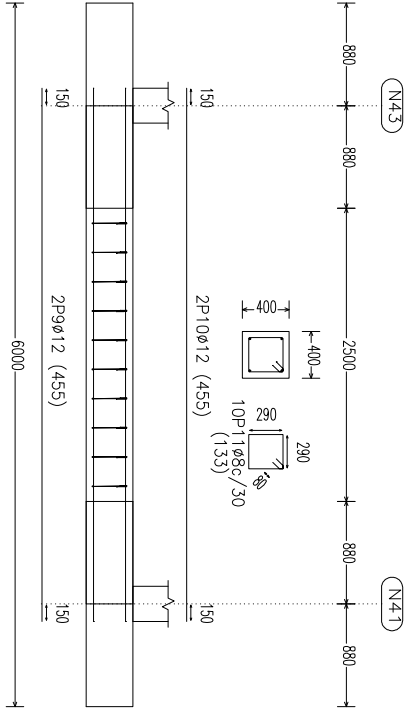
N11, N13, N16, N18, N21 y N23



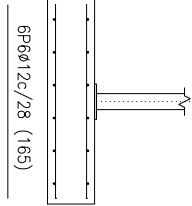
N36, N37, N38, N39, N40, N41, N42 y N43



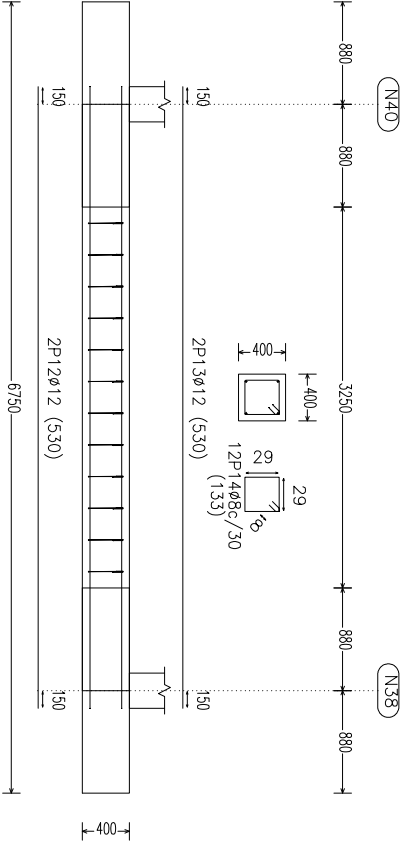
C.1 [N43-N41], C.1 [N36-N1], C.1 [N37-N31], C.1 [N43-N33],
C.1 [N42-N3], C.1 [N38-N36], C.1 [N42-N40] y C.1 [N39-N37]



N36=N37-N38-N39=N40=N41
N42=N43



C.1 [N40-N38] y C.1 [N41-N39]



| Elemento | Pos. | Diám. | No. | Long. (cm) | Total B (cm) | 400 S. Ys=1.15 (kg) |
|--|------|-------|-----|---------------|-----------------|---------------------------|
| N11=N13=N16=N18=N21=N23 | 1 | ø12 | 17 | 290 | 4930 | 43.8 |
| | 2 | ø12 | 17 | 290 | 4930 | 43.8 |
| | 3 | ø12 | 17 | 290 | 4930 | 43.8 |
| | 4 | ø12 | 17 | 290 | 4930 | 43.8 |
| | | | | Total+10%: | | 192.7 |
| | | | | (x6): | | 1156.2 |
| N36=N37=N38=N39=N40=N41 N42=N43 | 5 | ø12 | 6 | 165 | 990 | 8.8 |
| | 6 | ø12 | 6 | 165 | 990 | 8.8 |
| | 7 | ø12 | 6 | 165 | 990 | 8.8 |
| | 8 | ø12 | 6 | 165 | 990 | 8.8 |
| | | | | Total+10%: | | 36.7 |
| | | | | (x6): | | 309.6 |
| C.1 [N43-N41]=C.1 [N36-N1] C.1 [N37-N31]=C.1 [N43-N33] C.1 [N42-N3]=C.1 [N38-N36] C.1 [N42-N40]=C.1 [N39-N37] | 9 | ø12 | 2 | 455 | 910 | 8.1 |
| | 10 | ø12 | 2 | 455 | 910 | 8.1 |
| | 11 | ø8 | 10 | 133 | 1330 | 5.2 |
| | | | | | Total+10%: | |
| | | | | (x6): | | 188.0 |
| C.1 [N40-N38]=C.1 [N41-N39] | 12 | ø12 | 2 | 530 | 1060 | 9.4 |
| | 13 | ø12 | 2 | 530 | 1060 | 9.4 |
| | 14 | ø8 | 12 | 133 | 1596 | 6.3 |
| | | | | | Total+10%: | |
| | | | | (x2): | | 55.2 |
| | | | | ø8: | | 59.4 |
| | | | | ø12: | | 1649.6 |
| | | | | Total: | | 1709.0 |

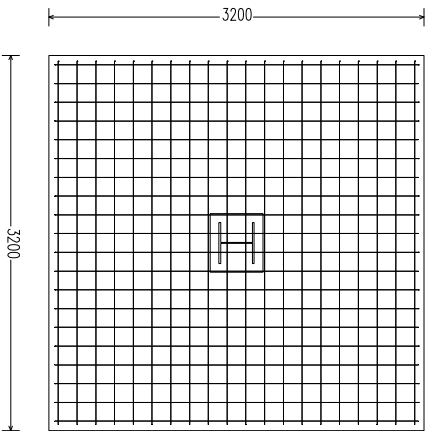
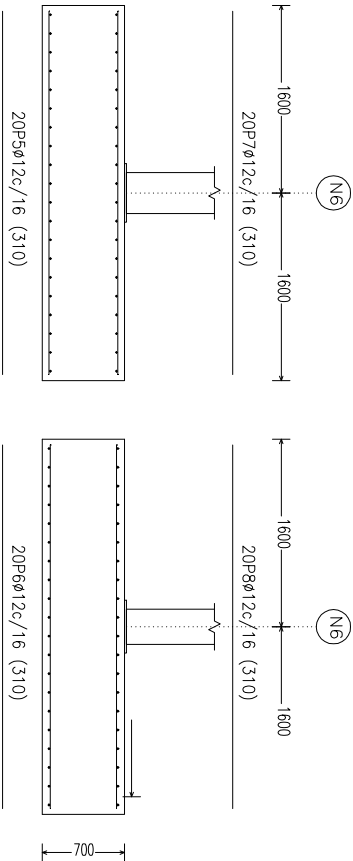
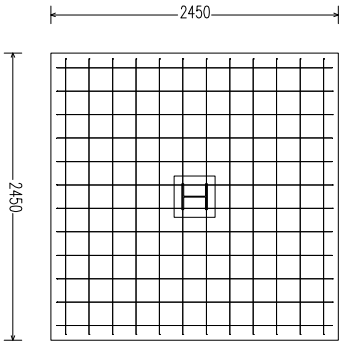
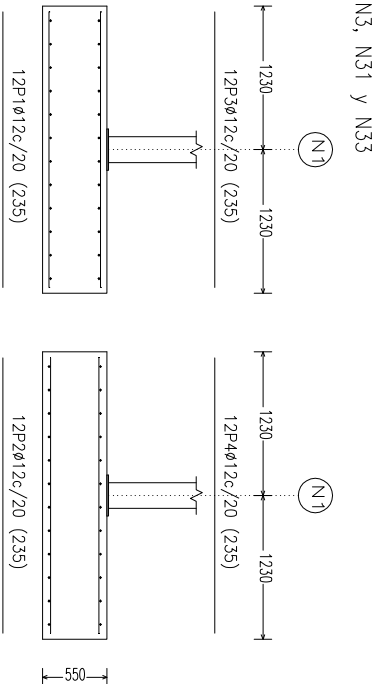
Proyecto Final de Ca

BIGUES DE LLIGAT I SABATES

| | | | |
|----------------|-----------|--|--|
| TITULO DIBUJO: | W [CIM.2] | | |
| DIBUJO No. | FECHA: | | |
| ESCALA: | 1:50 | | |
| DIBUJADO POR: | ACERO: | | |

| Elemento | Pos. | Díam. | No. | Long. (cm) | Total B 400 S, Ys=1.15 (kg) |
|----------------|------|-------|-----|------------|-----------------------------|
| N1=N3=N31=N33 | 1 | ø12 | 12 | 235 | 2820 |
| | 2 | ø12 | 12 | 235 | 2820 |
| | 3 | ø12 | 12 | 235 | 2820 |
| | 4 | ø12 | 12 | 235 | 2820 |
| Total+10% (kg) | | | | 1100 | |
| N6=N8=N26=N28 | 5 | ø12 | 20 | 310 | 6200 |
| | 6 | ø12 | 20 | 310 | 6200 |
| | 7 | ø12 | 20 | 310 | 6200 |
| | 8 | ø12 | 20 | 310 | 6200 |
| Total+10% (kg) | | | | 242.0 | |
| ø12: Total: | | | | 1408.0 | |
| | | | | 1408.0 | |

N6, N8, N26 y N28



Proyecto Final de Ca

TITULO DIBUJO: BIGUES DE LLIGAT

DIBUJO No. W [CIM.1]

FECHA: 11.01.2013

ESCALA:

REVISION: 11.01.2013

DIBUJADO POR:

ACERO: